DXA-H3750

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model

This set is the Amplifier, cassette deck section in MHC-3750.

Model Name Using Similar Mechanism		TC-H2700/H3700
Tape Transport Mechanism Type	DECK A	TCM-190RA13A
	DECK B	TCM-190RB22A

SPECIFICATIONS

Amplifier Section

Continuous RMS power output
- US, Canadian model
  - For satellite speaker:
    - 23 + 23 watts (8 ohms at 250 Hz — 20 kHz, 1% THD)
    - 28 + 28 watts (8 ohms at 1 kHz, 5% THD)
  - For bass speaker:
    - 27 + 27 watts (6 ohms at 80 — 250 Hz, 1% THD)
    - 32 + 32 watts (6 ohms at 110 Hz, 5% THD)
- AEP, UK, Italian model
  - For satellite speaker:
    - 23 + 23 watts (8 ohms at 1 kHz, DIN)
    - 28 + 28 watts (8 ohms at 1 kHz, 5% THD)
  - For bass speaker:
    - 27 + 27 watts (6 ohms at 110 Hz, DIN)
    - 32 + 32 watts (6 ohms at 110 Hz, 5% THD)

Music power output (AEP, UK, Italian model)
- For satellite speaker:
  - 45 + 45 watts (8 ohms at 1 kHz, 10% THD)
- For bass speaker:
  - 50 + 50 watts (6 ohms at 110 Hz, 10% THD)

Inputs
- DAT IN (phono jacks): sensitivity 450 mV impedance 47 kilohms
- AEP, UK, Italian model
- PHONO IN (phono jacks); sensitivity 5 mV impedance 47 kilohms
- US, Canadian model
- VIDEO IN (phono jacks): sensitivity 450 mV impedance 47 kilohms

Outputs
- HEADPHONES (stereo minijack): accepts headphones of 8 ohms or more
- SPEAKER (SATELLITE): accepts speakers of 8 to 16 ohms
- SPEAKER (BASS): accepts speakers of 6 to 16 ohms

Cassette Deck Section

Recording system: 4-track 2-channel stereo

Frequency response (DOLBY NR OFF)
- 40 — 13,000 Hz (±3 dB), using TYPE I cassette (Sony HF-S)
- 40 — 14,000 Hz (±3 dB), using TYPE II cassette
- 40 — 15,000 Hz (±3 dB), using TYPE IV cassette

Wow and flutter: 0.1% WRMS ±0.3% (DIN)

Design and specifications subject to change without notice.

STEREO CASSETTE DECK AMPLIFIER

SONY®

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

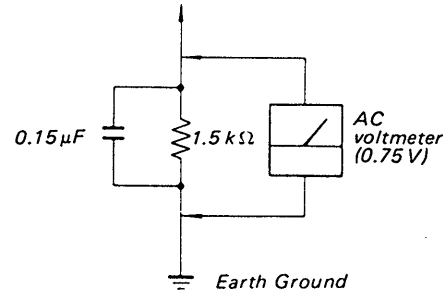
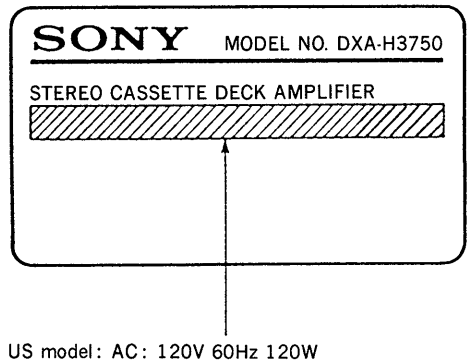


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

— Model Number Label —



US model: AC: 120V 60Hz 120W
CND model: AC: 120V 60Hz 130W
AEP, IT model: AC: 220−230V~50/60Hz 125W
UK model: AC: 240V~50Hz 270W

- CND: Canadian model
- IT: Italian model

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

TABLE OF CONTENTS

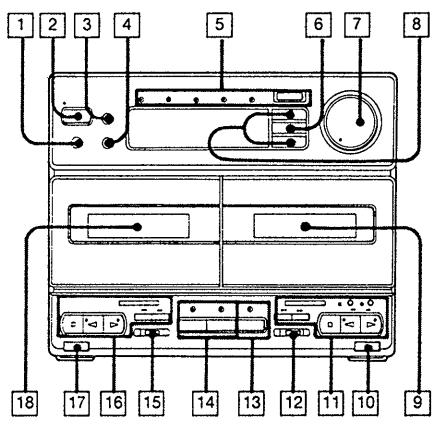
Section	Title	Page
1. GENERAL		
1-1.	Part Identification	3
2. DISASSEMBLY		
2-1.	Front Panel	4
2-2.	Control Board, HP Board	4
2-3.	Cassette Lid Assy	5
2-4.	MD Block	5
2-5.	Back Panel	6
2-6.	Power Transformer	6
2-7.	TC Main Board	7
2-8.	Joint (Upper)	7
2-9.	Capstan/Reel Motor	8
2-10.	Head Base Assy	8
3. MECHAINICAL ADJUSTMENTS		9
4. ELECTRICAL ADJUSTMENTS		9
5. DIAGRAMS		
5-1.	Semiconductor Lead Layouts	13
5-2.	Ciaucuit Boards Location	14
5-3.	Printed Wiring Boards —Deck Section—	16
5-4.	Schematic Diagram —Deck Section—	19
5-5.	Schematic Diagram —Main Section—	24
5-6.	Printed Wiring Boards —Main Section—	29
5-7.	Printed Wiring Boards —Panel Section—	34
5-8.	Schematic Diagram —Panel Section—	37
6. EXPLODED VIEWS		
6-1.	Cabinet Section	42
6-2.	Chassis Section	43
6-3.	Cassette Holder Section	44
6-4.	Mechanism Deck Section 1	45
6-5.	Mechanism Deck Section 2	46
7. ELECTRICAL PARTS LIST		47

SECTION 1
GENERAL

This section is extracted from instruction manual.

1-1. PARTS IDENTIFICATIONS

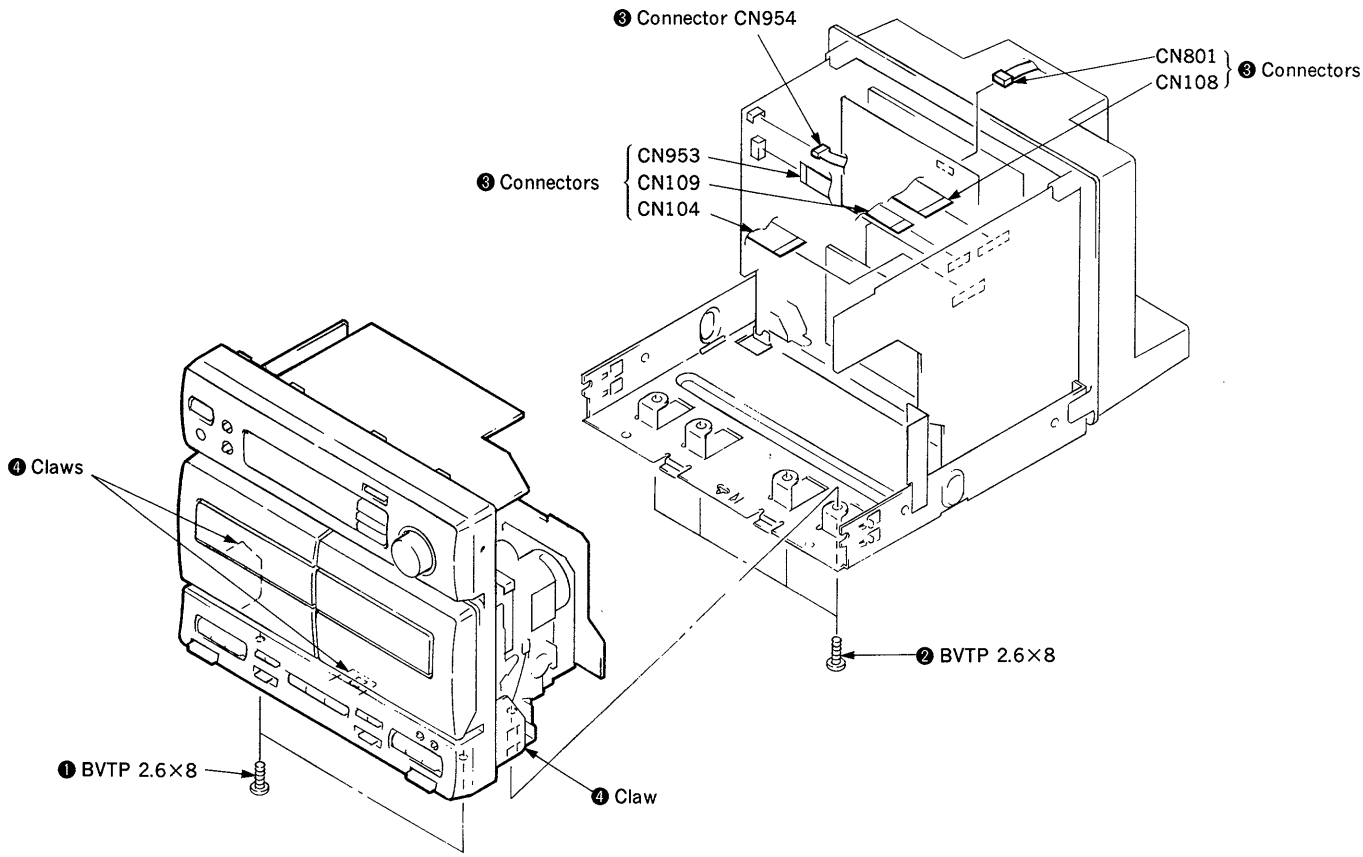
[1] HEADPHONES jack (stereo minijack)
[2] SYSTEM POWER switch and STANDBY indicator
The indicator remains lit as long as the AC power cord is connected to a wall outlet.
[3] DISPLAY button ⑯
[4] DIRECT button and indicator ⑯
[5] FUNCTION button and function indicators ⑳ ㉚
[6] PRESET button ⑯
[7] VOLUME control ㉖
[8] TOTAL EFFECT CONTROL –/+ buttons ㊽
[9] Cassette holder (Deck B)
[10] EJECT ⏏ button (Deck B)
[11] Tape operation buttons (for Deck B)
□: Stop button
▷: Forward play button and indicator
◁: Reverse play button and indicator
◀◀ ▶▶: Fast winding buttons
PAUSE ❚❚ button and indicator
REC ● button and indicator
[12] DOLBY NR (Dolby Noise Reduction) switch ㊵
[13] CD SYNCHRO button ㉚ ㊻
[14] TAPE DUBBING buttons ㉞
NORMAL SPEED button
HIGH SPEED button
[15] DIRECTION mode selector ㊵ ㊹
[16] Tape operation buttons (for Deck A)
□: Stop button
▷: Forward play button and indicator
◁: Reverse play button and indicator
◀◀ ▶▶: Fast winding buttons
[17] EJECT ⏏ button (Deck A)
[18] Cassette holder (Deck A)



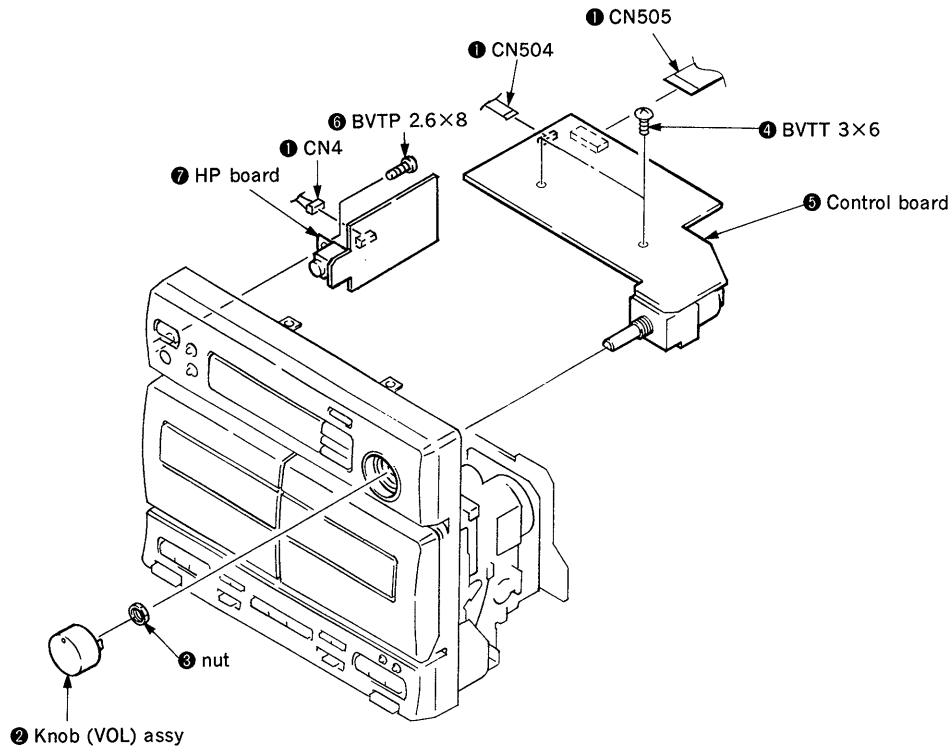
SECTION 2
DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

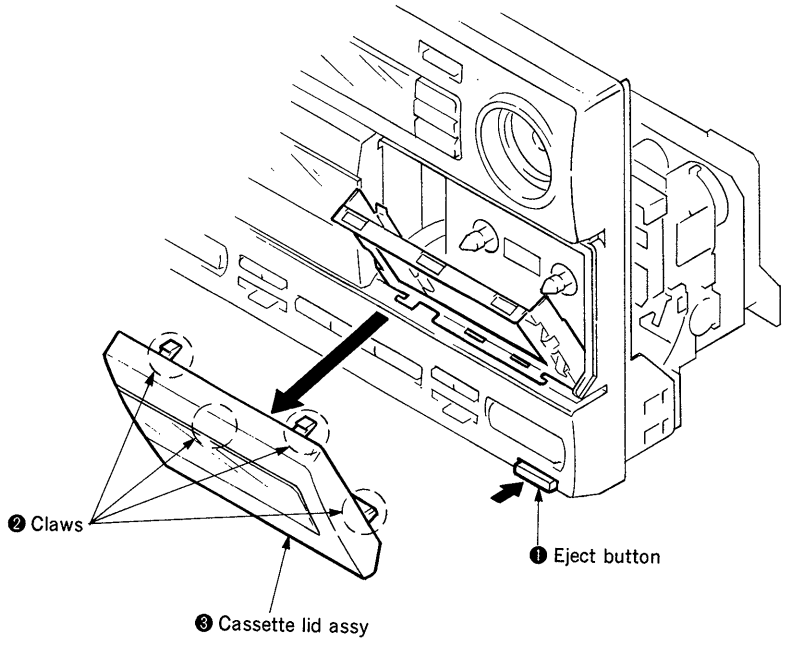
2-1. FRONT PANEL



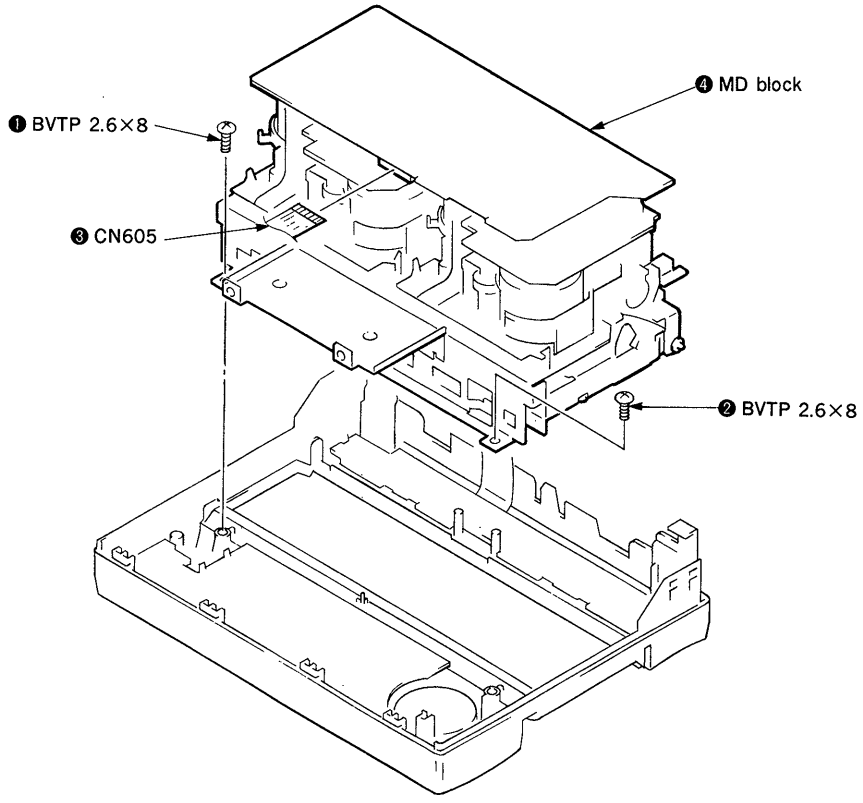
2-2. CONTROL BOARD, HP BOARD



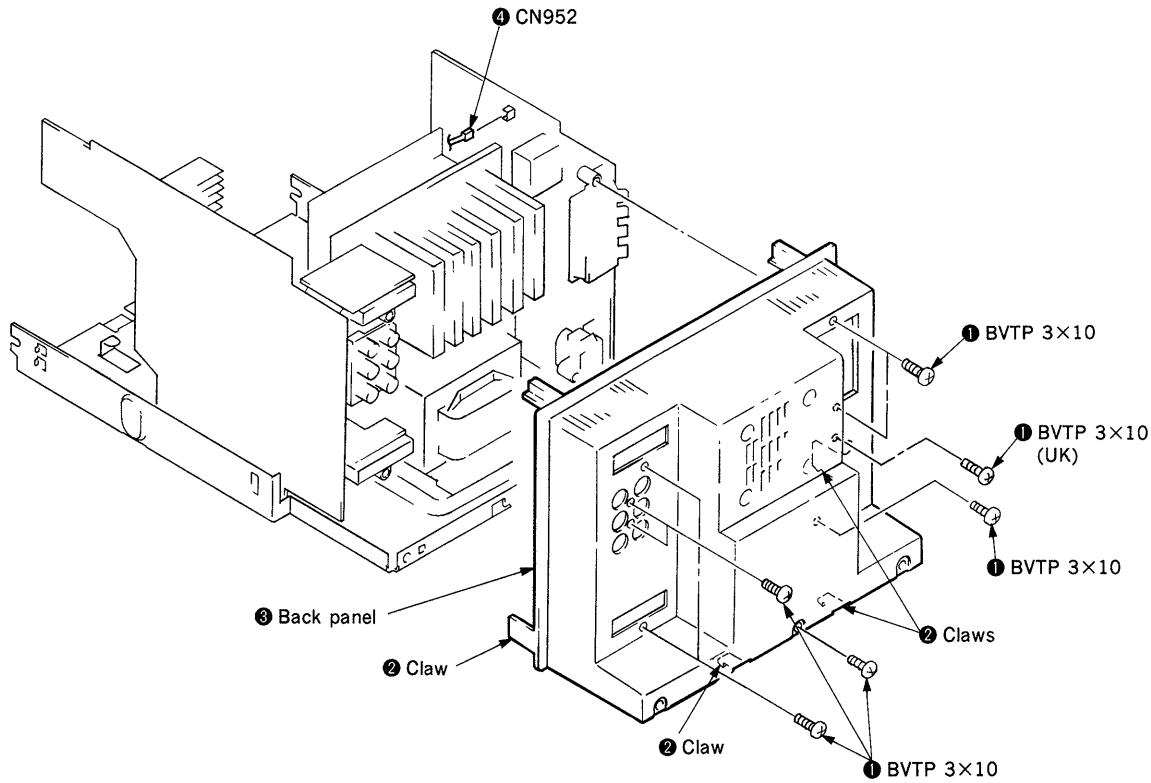
2-3. CASSETTE LID ASSY



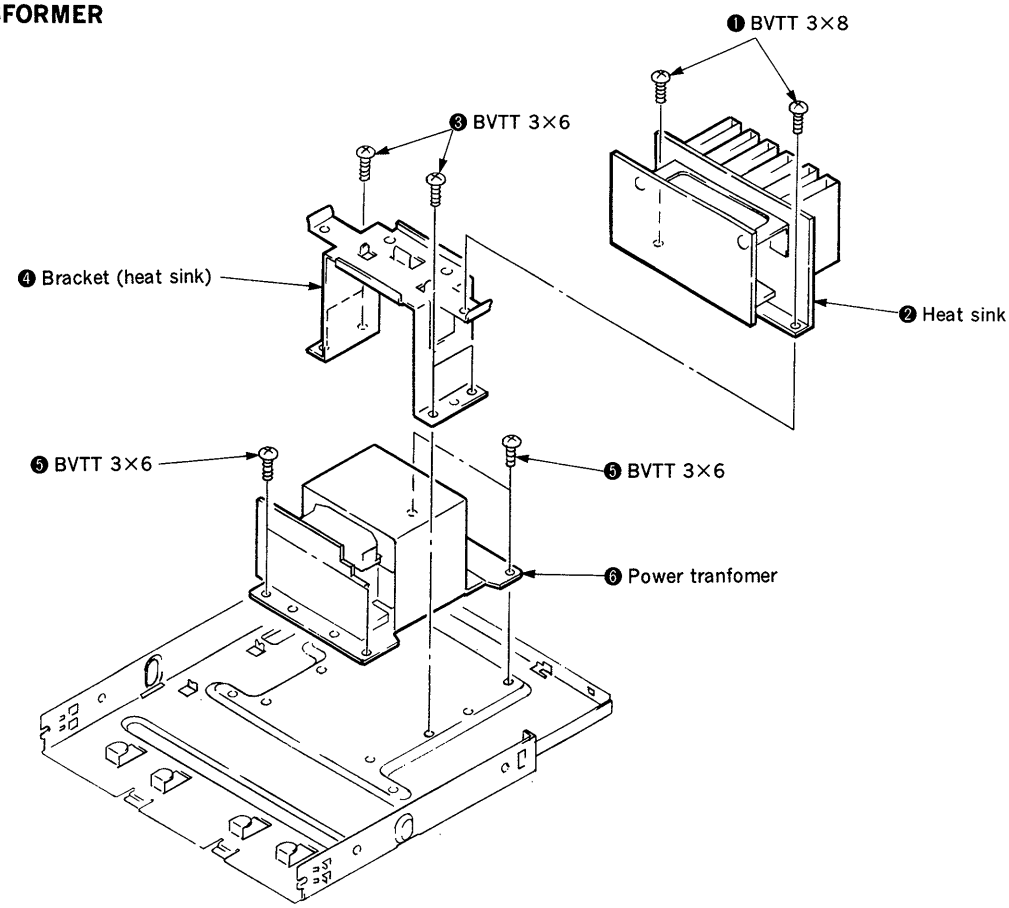
2-4. MD BLOCK



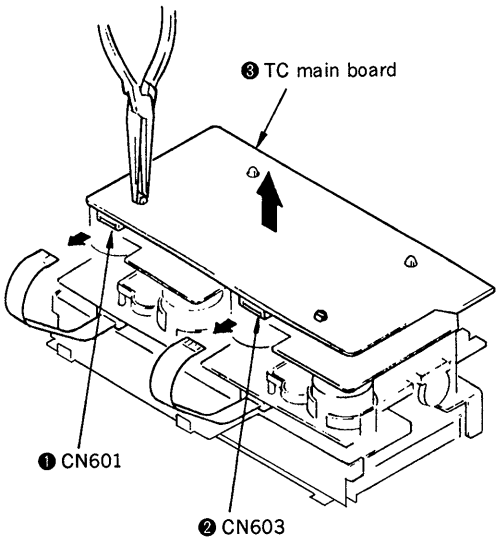
2-5. BACK PANEL



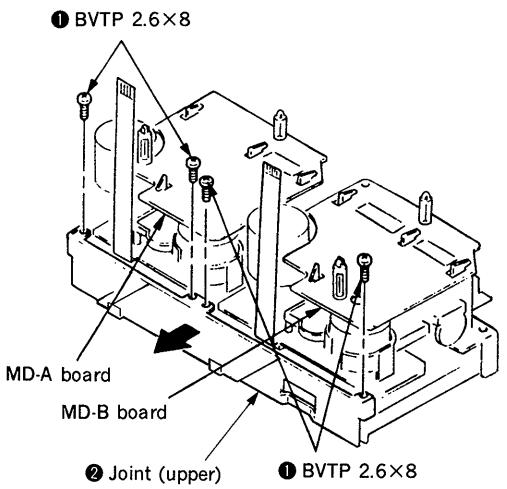
2-6. POWER TRANSFORMER



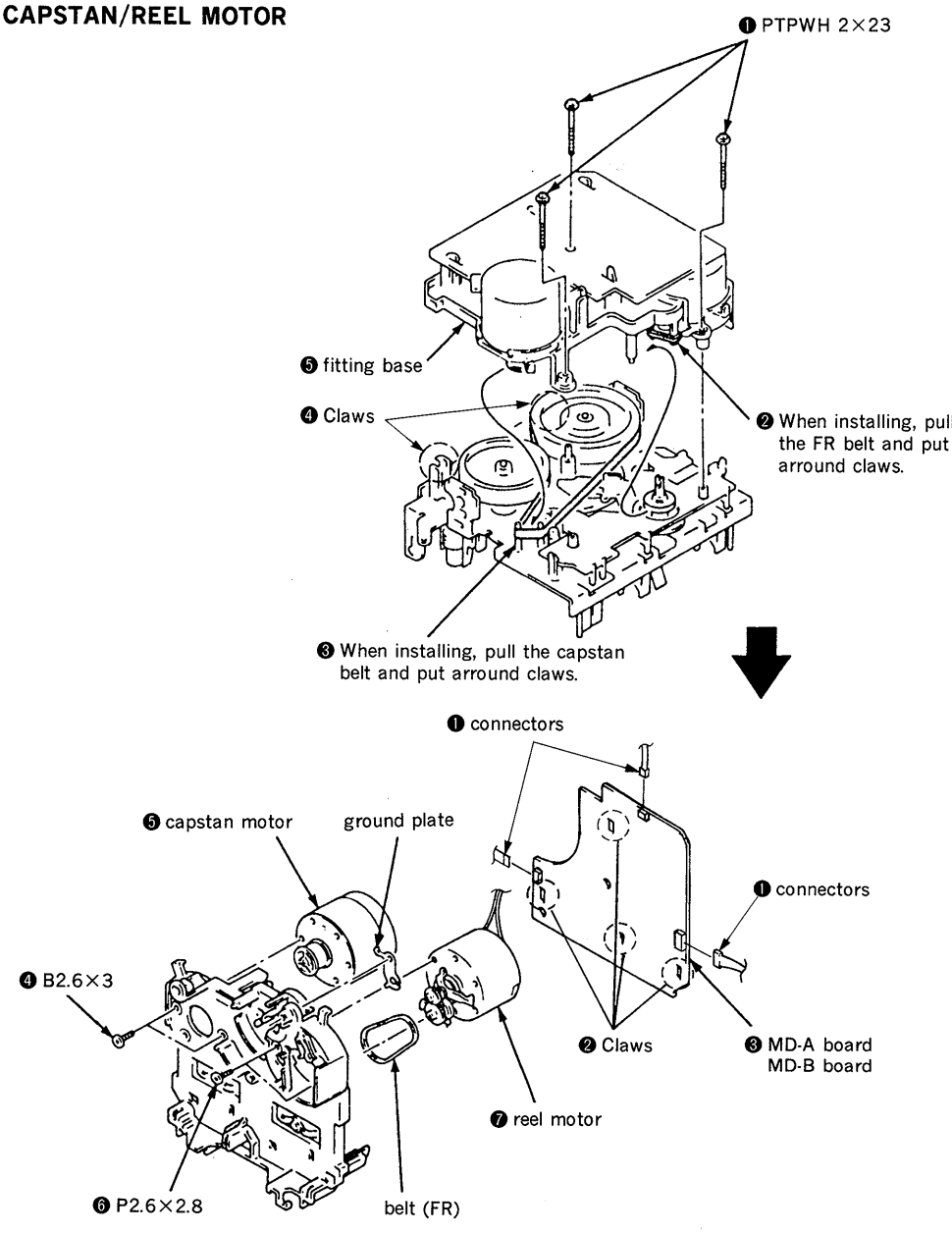
2-7. TC MAIN BOARD



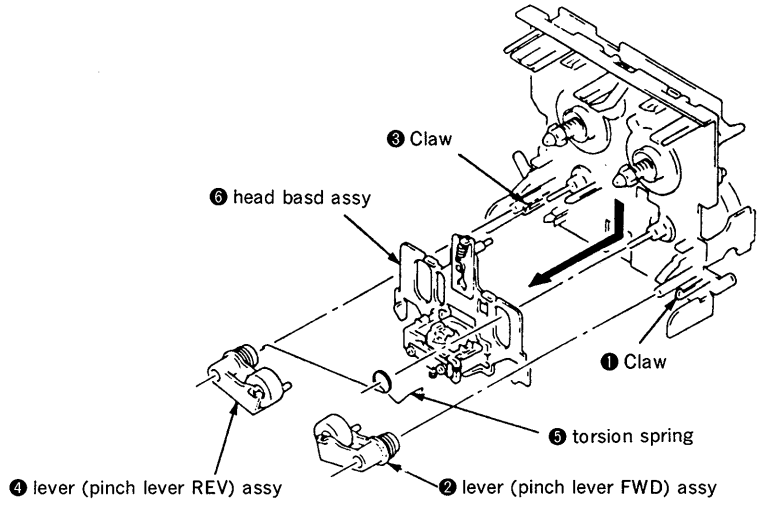
2-8. JOINT (UPPER)



2-9. CAPSTAN/REEL MOTOR



2-10. HEAD BASE ASSY



SECTION 3
MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcoholmoistened swad :
   record/playback head　　pinch roller
   erase head　　rubber belts
   capstan　　idlers
2. Demagnetize the record/playback head with a head demagnetizer.
   (Head demagnetizer do not approach for the erase head.)
3. Do not use a magnetized screwdriver for the adjustment.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be perfomed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
Forward	CQ-102C	30 to 65g • cm (0.42 to 0.90 oz • inch)
Forward back tension	CQ-102C	1 to 6g • cm (0.014 to 0.08oz • inch)
Reverse	CQ-102RC	30 to 65g • cm (0.42 to 0.90oz • inch)
Reverse back tension	CQ-102RC	1 to 6g • cm (0.014 to 0.08oz • inch)
Forward, Reverse	CQ-201B	70 to 120g • cm (0.98 to 1.67 oz • inch)

SECTION 4
ELECTRICAL ADJUSTMENTS

PRECAUTION

1. The adjustment should be performed in the publication. (Be sure to make playback adjustment at first.)
2. The adjustment and measurement should be performed for both L-CH and R-CH.
   • Switch position
   DOLBY NR switch : OFF
3. Perior to electrical adjustments, short the connector TP401 (test mode).

Test Tape

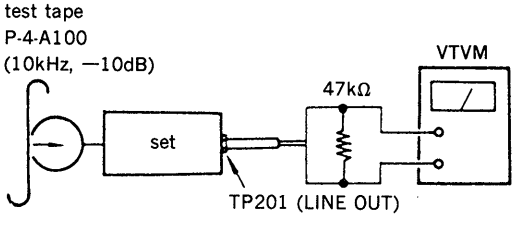
Tape	Contents	Use
P-4-A100	10kHz, −10dB	Azimuth Adjustment
P-4-L300	315Hz, 0dB	Level Adjustment
WS-48B	3kHz, 0dB	Tape Speed Adjustment

Record/Playback Head Azimuth Adjustment

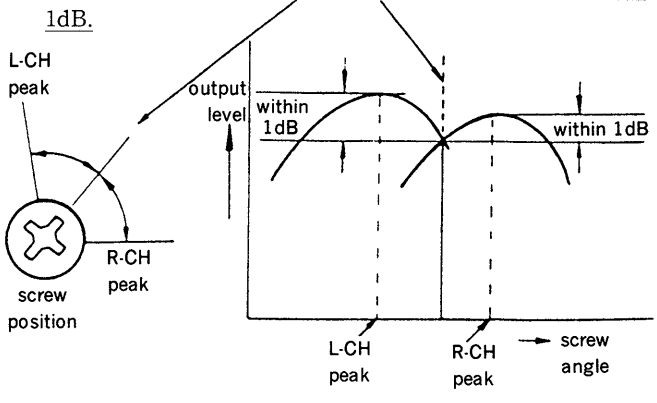
DECK A **DECK B**

Procedure :

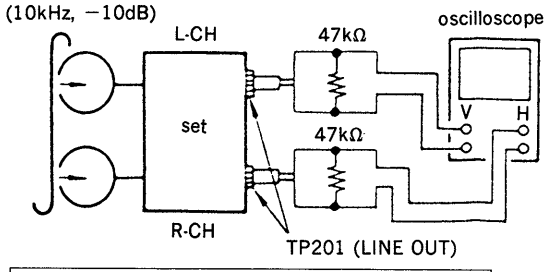
1. Forward Playback Mode

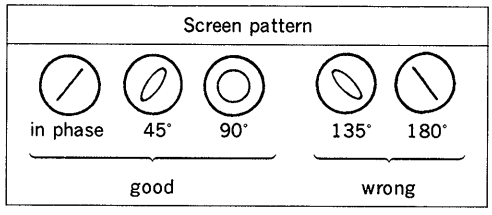


2. Turn the adjustment screw for the maximum output levels. If these levels do notmatch, turn the adjustment screw until both of output levels match together within 1dB.



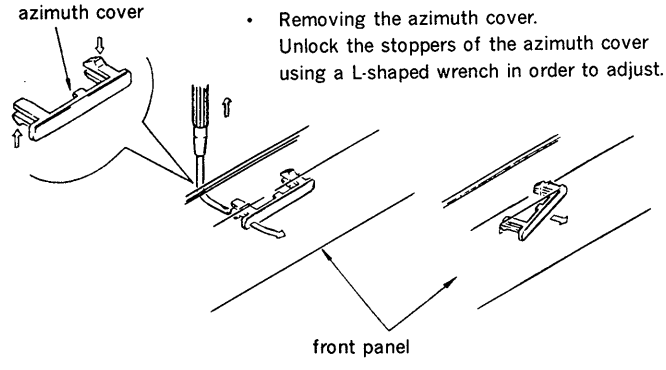
3. Playback Mode

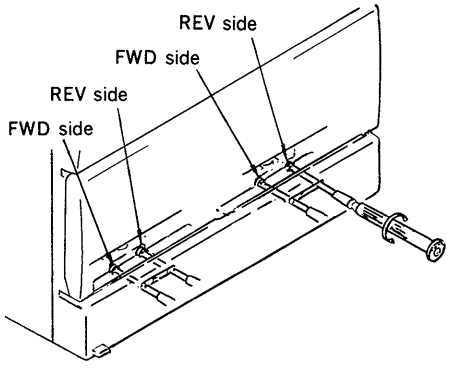




4. Change the reverse playback mode and repeat the steps 1 to 3.
5. After the adjustment, lock the adjustment screw with suitable locking compound.

Adjustment Location : —record/playback head—

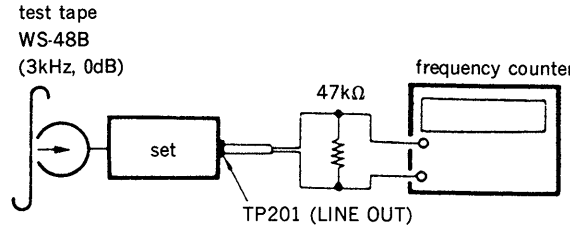

azimuth cover
• Removing the azimuth cover.
Unlock the stoppers of the azimuth cover
using a L-shaped wrench in order to adjust.
front panel



Tape Speed Adjustment DECK A DECK B

Procedure :

—Forward Playback Mode—



Perform high speed adjustment before normal speed adjustment.

(High speed adjustment)

1. Turn on the power and put the deck A into the FWD mode.
2. Press the HIGH SPEED switch.
3. Adjust RV72A (H) of the deck A so that a reading on the frequency counter meets the adjustment value.
4. Adjust the RV72B (H) of deck B performing steps 1 to 3 as deck A.

(Normal speed adjustment)

1. Put the set into the FWD playback mode.
2. Press the NORMAL SPEED switch.
3. At this time, adjust RV71A (L) of the deck A and RV71B (L) of the deck B so that a reading on the frequency counter meets the adjustment value.

Adjustment Limits :

Speed	Frequency Counter Reading
High	6,000 ± 20Hz
Normal	3,000 ± 10Hz

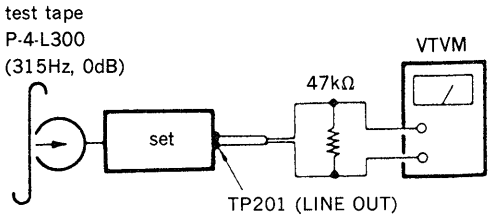
Frequency difference between the beginning and the end of the tape should be within 3%.
Frequency difference between deck A and deck B the beginning of the tape should be within 1.5%.

Adjustment Location : MD-A Board, MD-B Board

Playback Level Adjustment DECK A DECK B

Procedure :

—Forward Playback Mode—



Adjust deck A : RV11A (L-CH), RV21A (R-CH) and deck B : RV11B (L-CH), RV21B (R-CH) so that the VTVM reading becomes the adjustment limits below.

Adjustment Limits :

LINE OUT level : −7.7 ± 0.5dB 0.301 to 0.338V

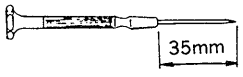
Level Difference between Channels : within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

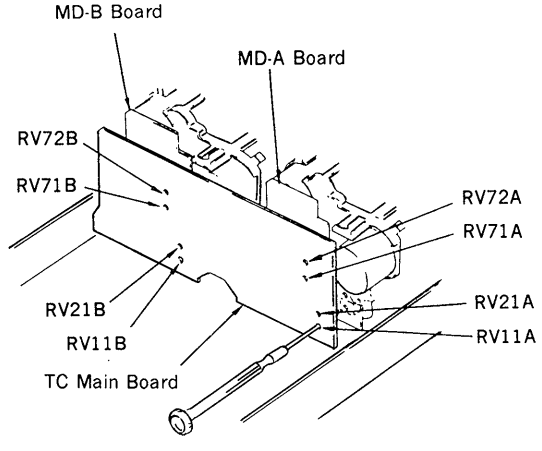
Adjustment Location : MD-A Board, MD-B Board

Tape Speed/playback Level Adjustment

Screwdriver to adjust the MD block



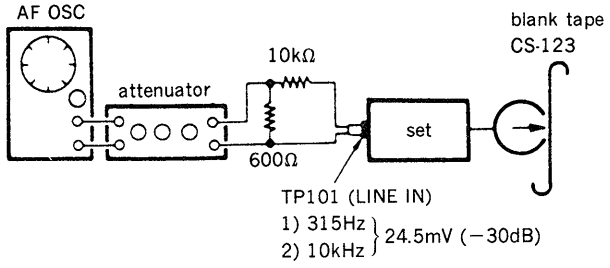
The MD block adjustment can be performed by inserting a screwdriver of which axis length (not including the shaft) is 35 mm or more through the rear side of the main board.



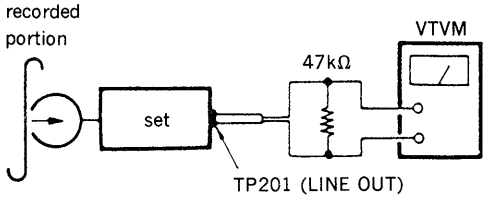
Record Bias Adjustment DECK B

Procedure :

1. Record Mode



2. Playback Mode



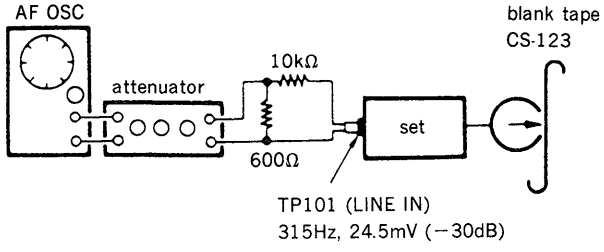
Playback the signal recorded in step 1.
Confirm that the 10kHz playback output is 0 ± 0.5dB (0.732 to 0.821V) relative to the 315Hz output. if necessary. Adjust RV12 (L-CH), RV22 (R-CH) and repeat the steps given above.

Adjustment Location : MD-B Board

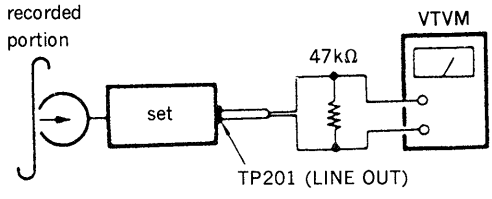
Record Level Adjustment DECK B

Procedure :

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.
If necessary, adjust RV201 (L-CH), RV301 (R-CH) and repeat steps 1 and 2.

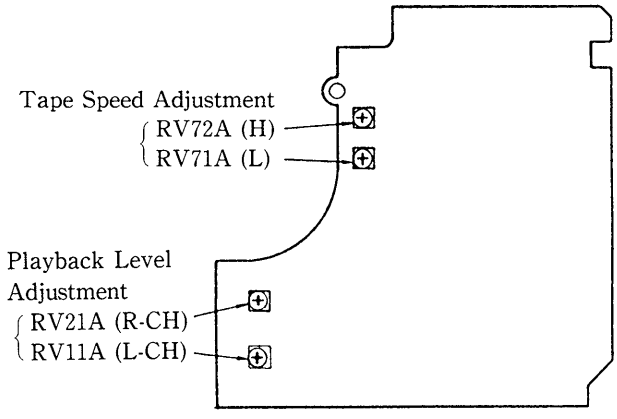
Adjustment Limits :

LINE OUT level : −26 ± 0.5dB (37 to 41mV)

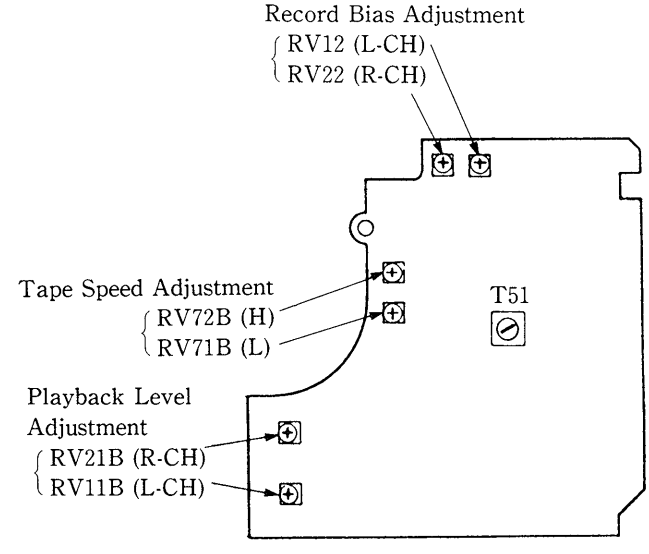
Adjustment Location : main board

Adjustment Location :

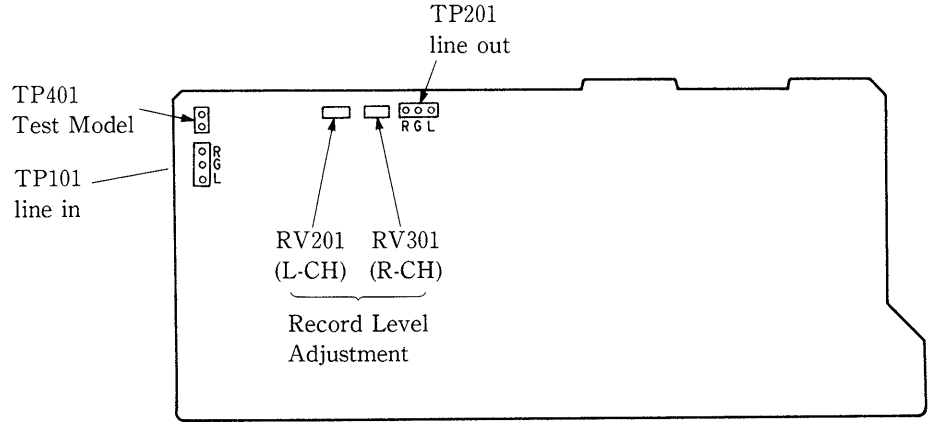
【MD-A Board】 —Component Side—



【MD-B Board】 —Component Side—



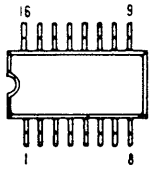
【TC Main Board】 —Component Side—



SECTION 5
DIAGRAMS

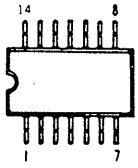
5-1. SEMICONDUCTOR LEAD LAYOUTS

CD4052BCM
CD4053BCM
CXA1578M



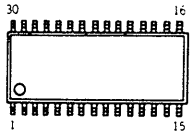
(TOP VIEW)

CD4066BCM
SN74HC32ANS



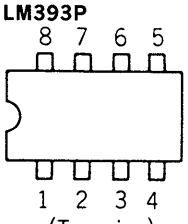
(TOP VIEW)

CXA1331M



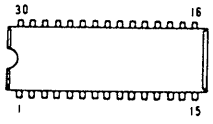
TOP VIEW

LB1639
LM393P



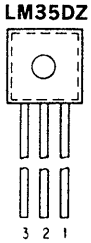
(Top view)

LC7822

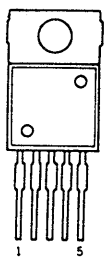


(Top view)

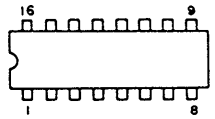
LM35DZ



LM3875-S

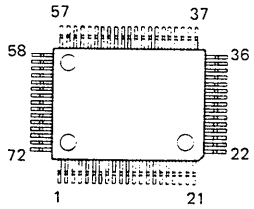


MC14052BCP
XR1091DCP

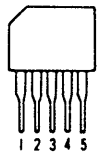


(TOP VIEW)

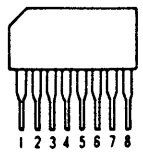
M50964-256FP



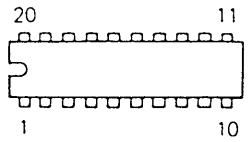
M51953BL



M5218AL
M5230L-A
μPC1237HA

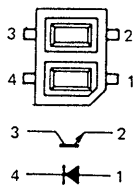


M5229P

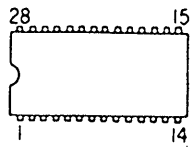


(Top view)

NJL5165K-B

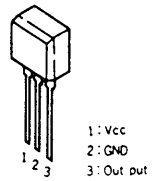


NJU7305L

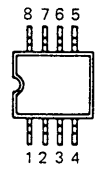


(Top view)

PST572E

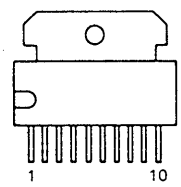


RC4558PS
μPC4570G2



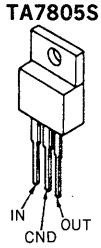
(TOP VIEW)

TA7272P

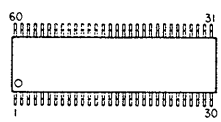


MARKING SIDE VIEW

TA7805S

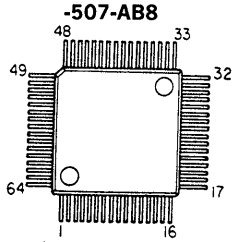


TD62C950RF

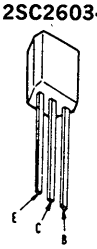


(TOPVIEW)

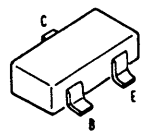
μPD78011GC
-507-AB8



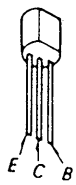
DTA114ES
DTC114ES
2SC2603-EF



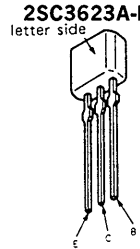
DTA144EK
RN1402
RN2402
2SA1602-F
2SC4154-F



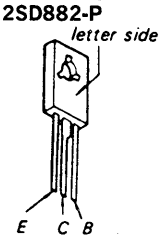
2SA1175-FEK
2SB1013-4
2SC1841-PAFAEA
2SD1616A-K



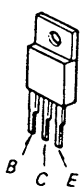
2SA1175-HFE
2SC3623A-LK



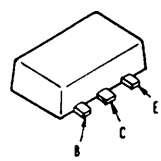
2SB772-Q
2SD882-P



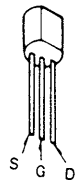
2SB1094-LK
2SD2012



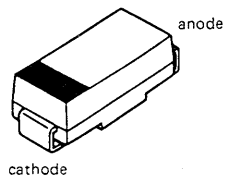
2SB1122-S
2SD1622-S



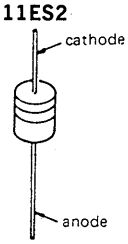
2SK246-GR



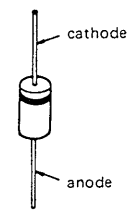
EC10DS2



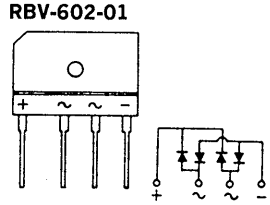
HZS27-2L
HZS30-2L
HZS6C3L
HZS9A2L
UZL-36M
11ES2



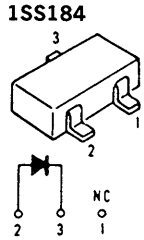
HZ12B2L
UZ-5.1BSC
UZP-6.2BC
1N4148M



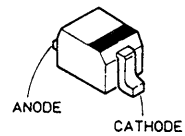
RBV-602-01



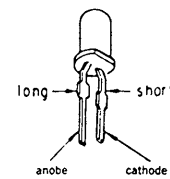
UZM5.6X
1SS184



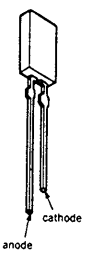
1SS352



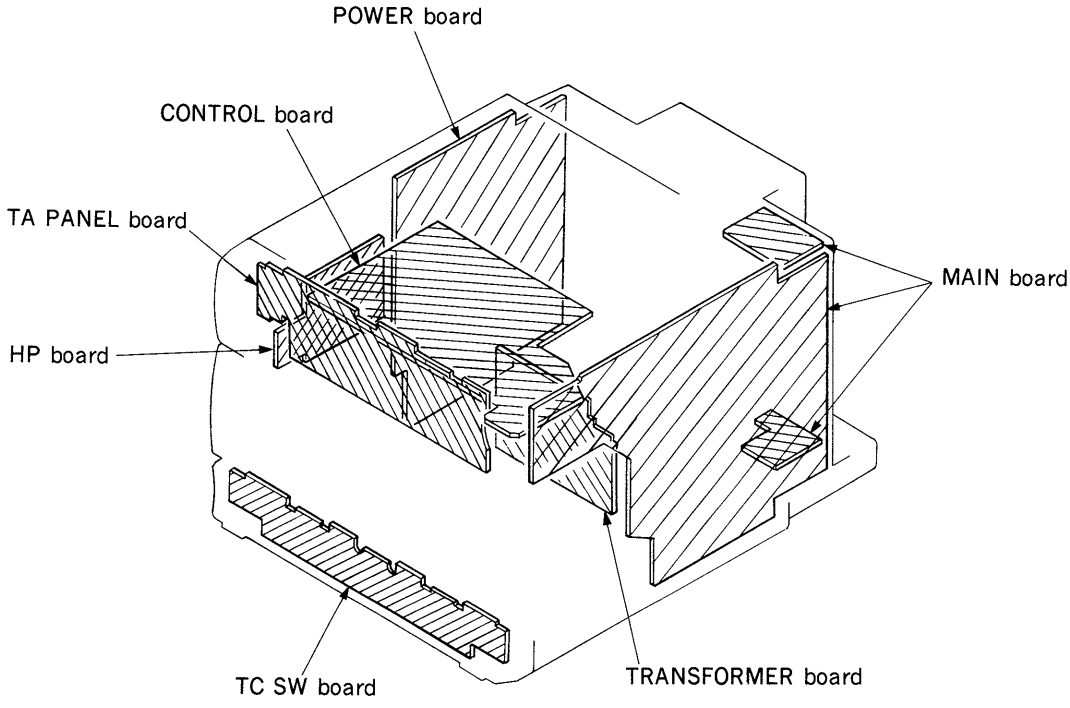
SEL2210S-CD

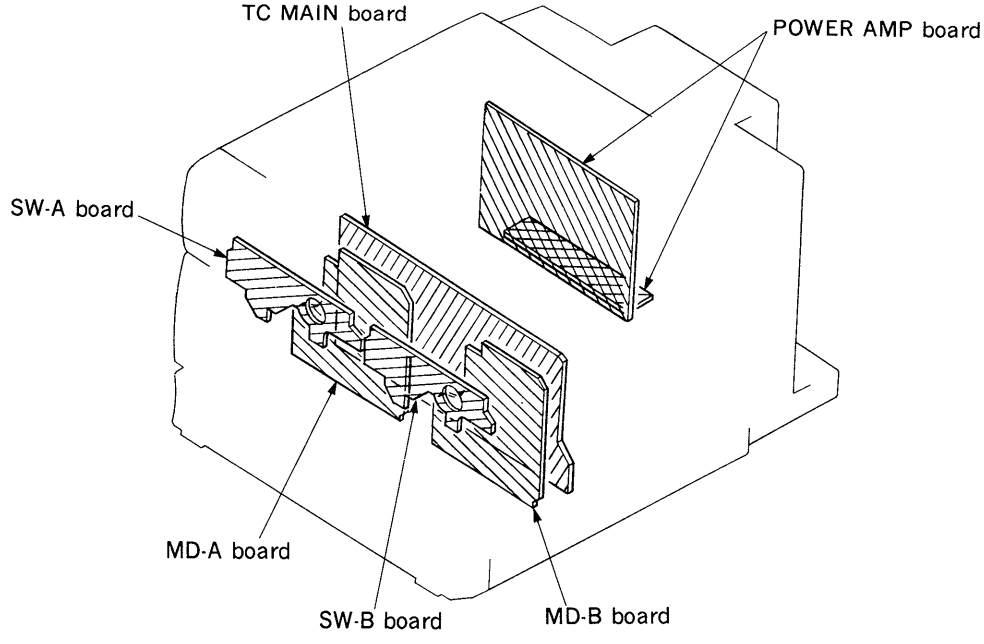


SEL4225C-C
SEL4525C-C
SEL4825A



5-2. CIRCUIT BOARDS LOCATION





DXA-H3750 DXA-H3750

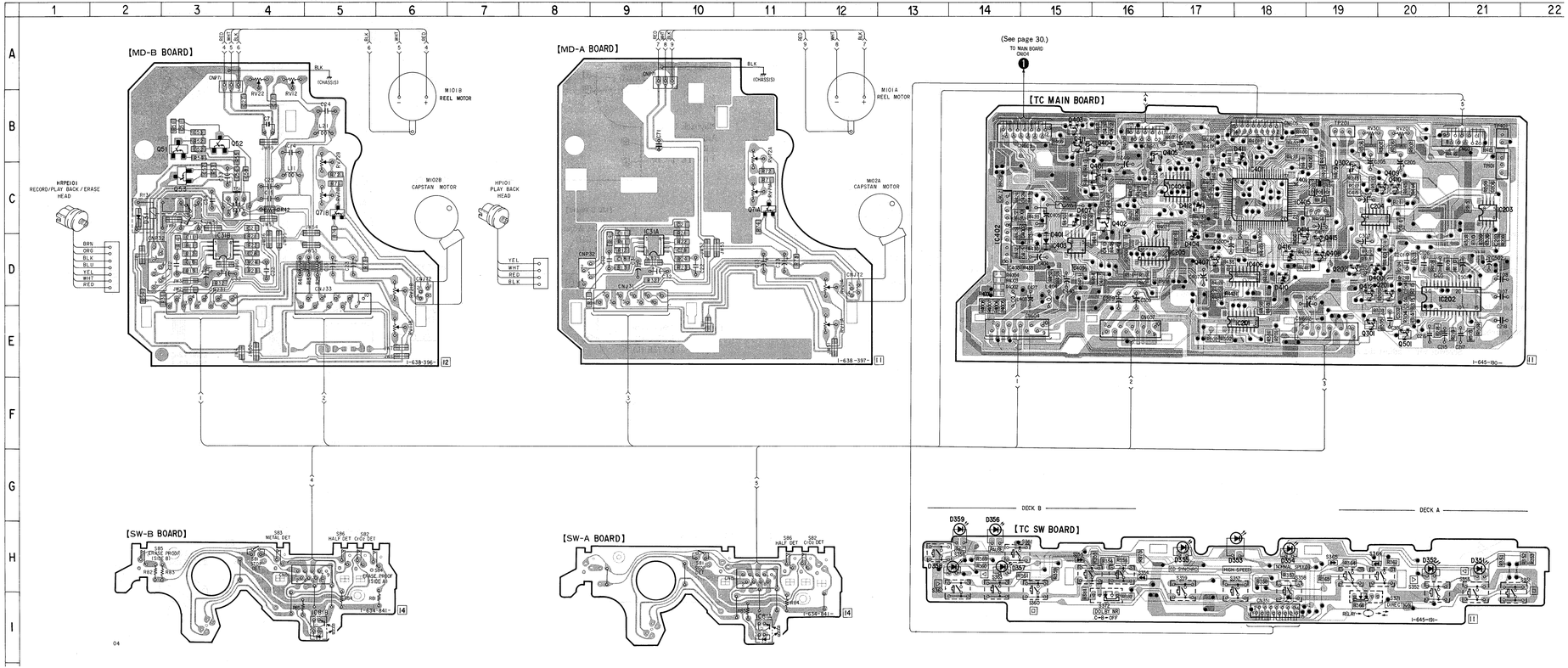
● Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D31	C-2	IC402	C-14
D351	H-21	IC403	D-15
D352	H-20	IC404	C-17
D353	H-17	IC405	C-19
D354	H-18	IC406	D-18
D355	H-17		
D356	H-14	Q51	B-3
D357	H-14	Q52	B-3
D358	H-14	Q53	C-3
D359	H-14	Q71A	C-11
D401	D-15	Q71B	C-5
D404	D-17	Q201	D-20
D407	C-15	Q202	D-19
D410	D-18	Q301	E-19
D411	B-18	Q302	C-19
D412	C-17	Q401	C-16
D416	D-18	Q402	C-16
D4001	D-19	Q403	B-15
		Q404	B-15
IC31A	D-9	Q405	B-16
IC31B	D-3	Q407	D-17
IC81A	I-11	Q408	D-19
IC81B	I-5	Q409	C-20
IC201	E-18	Q410	C-20
IC202	D-20	Q411	B-15
IC203	C-21	Q412	D-19
IC204	C-19	Q414	D-18
IC205	D-16	Q415	D-19
IC401	C-18	Q501	E-20

Note:

- ○— : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- ● : Through hole.
- ▒ : Pattern on the side which is seen.
- ▒ : Pattern of the rear side.

5-3. PRINTED WIRING BOARDS —DECK SECTION— ●Refer to page 13 for Semiconductor Lead Layouts.



5-4. SCHEMATIC DIAGRAM —DECK SECTION— • Refer to page 40 for IC Block Diagrams.

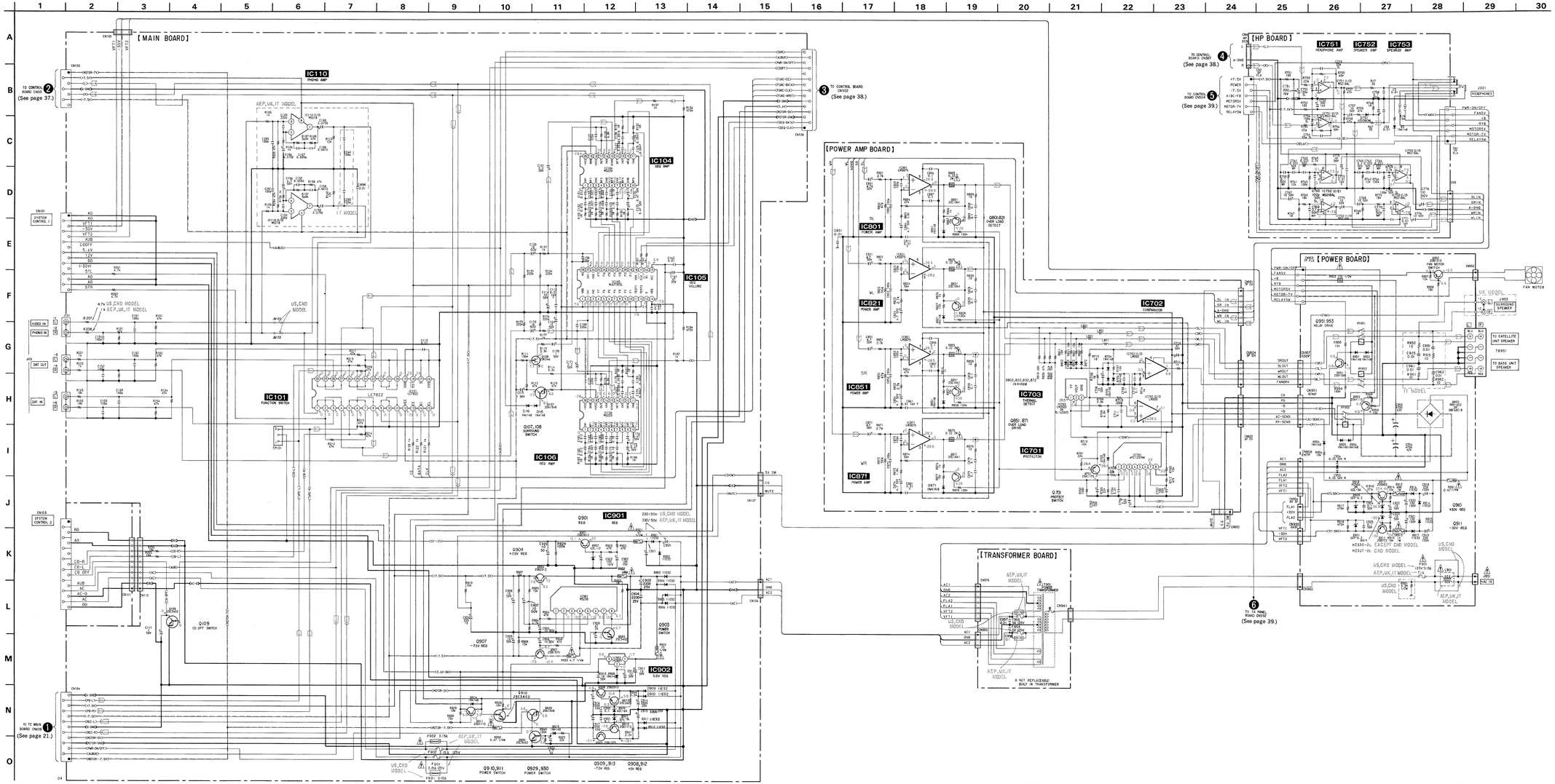
【TC MAIN BOARD】
IC404 SN74HC32ANS LED DRIVE
IC401 M50964-S0X1044 SYSTEM CONTROL
IC402 REEL MOTOR DRIVE
IC402 (1/2) TA7272P
IC402 (2/2) TA7272P
IC405 PST572E RESET
IC406 TAPE TYPE SELECT SWITCH
IC202 DOLBY NR AMP
IC201 DECK A/B SELECTER
IC205 REC AMP
IC403 AMS AMP
IC203 PB AMP
IC204 SELECT SWITCH
Q403 CAPSTAN MOTOR H/L SWITCH
Q401,402 CAPSTAN MOTOR SWITCH
Q404, 411 CAPSTAN MOTOR DRIVE
Q405 RN2402 HIGH SPEED SWITCH
Q407 RN2402 RELAY DRIVE
Q408 RN1402 SWITCH
Q414 RN2402 SWITCH
Q415 RN2402 SWITCH
Q409,410 SWITCHING
Q412 PB 70μS DRIVER
Q501 REC/PB SELECT SWITCH
Q201 RN1402 PB70μS SWITCH
Q301 RN1402
Q202 2SC4154 LINE MUTE
Q302 2SC4154 LINE MUTE
TP201 TEST POINT
TO MAIN BOARD CN104 (See page 24.)
【TC SW BOARD】
CD SYNCHRO
NORMAL SPEED
HIGH SPEED
DECK A
DECK B
RELAY
DIRECTION
DOLBY NR
【MD-A BOARD】
IC31 PB EQ AMP
IC31A(1/2) LM833M-FL63
IC31(A)(2/2) LM833M-FL63
M101A REEL MOTOR
M102A CAPSTAN MOTOR
Q71A 2SA1602 NORMAL/HIGH SPEED SWITCH
HP101 PLAYBACK HEAD
【SW-B BOARD】
IC81 ROTATION DET
IC81B NJL5165K-B
STOP DET
METAL DET
CrO2 DET
ERASE PROOF (SIDE A)
ERASE PROOF (SIDE B)
HALF DET
【SW-A BOARD】
IC81 POTATION DET
IC81A NJL5165K-B
【MD-B BOARD】
IC31 PB EQ AMP
IC31B(1/2) μPC4570G2
IC31 (2/2) μPC4570G2
M101B REEL MOTOR
M102B CAPSTAN MOTOR
Q71B NORMAL/HIGH SPEED SWITCH
Q53 BIAS REG
Q51,52 BIAS OSC
T51 BIAS OSC
HRPE101 REC/PB/ERASE HEAD

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- △ : internal component.
- [symbol] : nonflammable resistor.
- [symbol] : fusible resistor.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- [symbol] : B+ Line
- [symbol] : B– Line
- [symbol] : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : PLAY
  ( ) : REC
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  [symbol] : PB (DECK A)
  [symbol] : PB (DECK B)
  [symbol] : REC (DECK B)



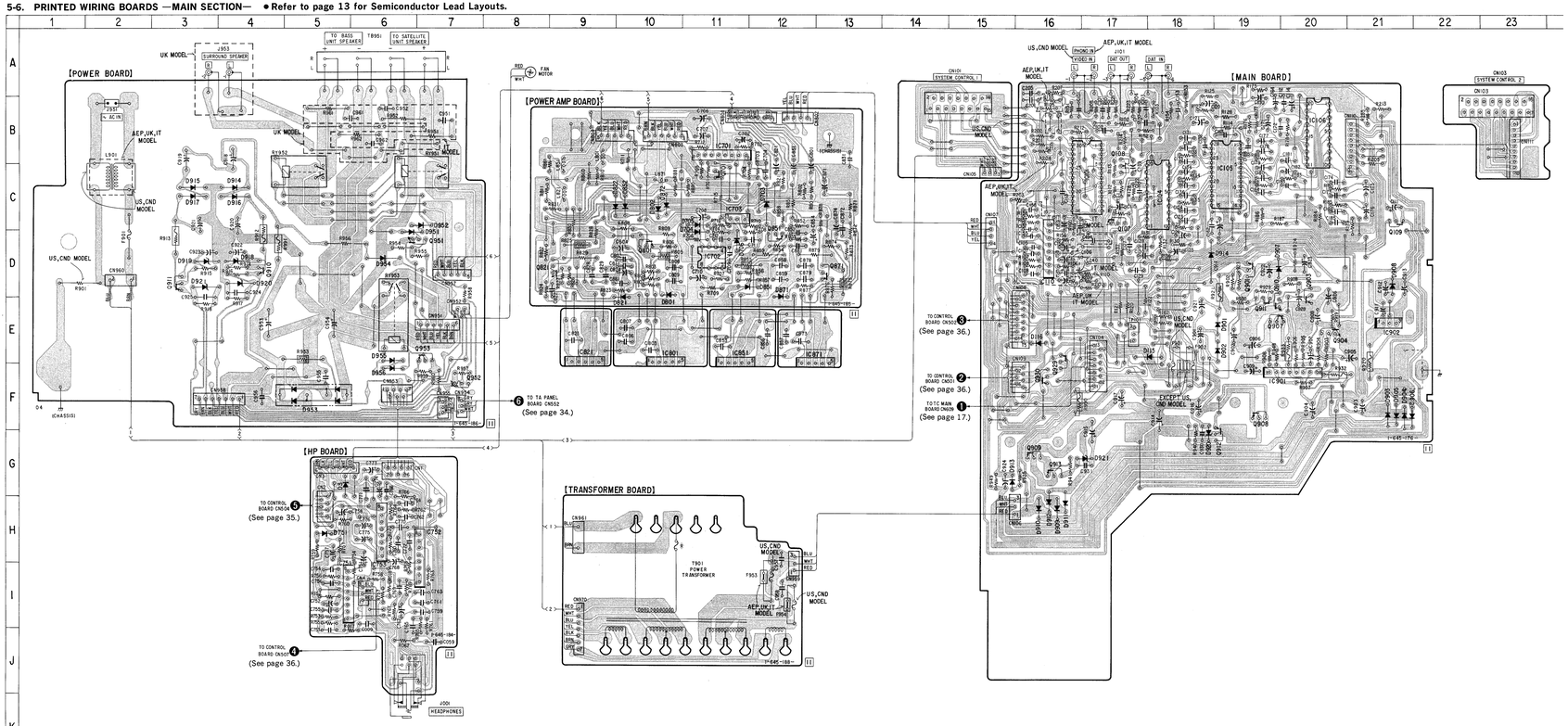
Note:
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- : nonflammable resistor.
- : fusible resistor.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- : B+ Line
- : B− Line
- : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal conditions. no mark : PLAY
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  : PB (DECK A)
  : REC (DECK B)

CND: Canadian model
IT: Italian model

5-6. PRINTED WIRING BOARDS —MAIN SECTION— • Refer to page 13 for Semiconductor Lead Layouts.



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D115	E-17	IC101	C-17
D116	E-16	IC104	C-18
D703	C-12	IC105	C-19
D704	D-11	IC106	B-20
D705	C-11	IC110	D-16
D706	D-11	IC701	B-11
D801	D-10	IC702	D-11
D802	C-10	IC703	C-11
D821	E-10	IC751	I-5
D822	C-9	IC752	H-7
D851	D-11	IC753	H-6
D852	C-10	IC801	E-10
D871	E-12	IC821	E-9
D872	C-10	IC851	E-11
D901	E-19	IC871	E-12
D902	E-19	IC901	F-20
D903	F-21	IC902	E-21
D904	F-21		
D905	F-21	Q107	C-17
D906	F-21	Q108	C-17
D907	D-19	Q109	C-21
D908	D-21	Q701	C-11
D909	H-16	Q801	D-10
D910	H-16	Q821	D-9
D911	H-16	Q851	D-12
D912	H-16	Q871	D-13
D913	G-15	Q901	D-19
D914	D-18	Q903	D-20
(D914)	C-4	Q904	E-20
D915	C-3	Q907	E-19
D916	C-4	Q908	F-19
D917	C-3	Q909	G-16
D918	D-4	Q910	E-19
D919	D-3	(Q910)	D-4
D920	G-18	Q911	E-19
(D920)	D-4	(Q911)	D-3
D921	G-17	Q912	G-18
(D921)	D-3	Q913	G-16
D951	D-6	Q929	E-16
D952	C-7	Q930	F-16
D953	F-5	Q951	D-7
D954	D-6	Q952	F-7
D955	E-6	Q953	E-7
D956	F-6		

( ): POWER BOARD

Note:

• ○——: parts extracted from the component side.

• CND: Canadian model

• IT: Italian model

DXA-H3750 DXA-H3750

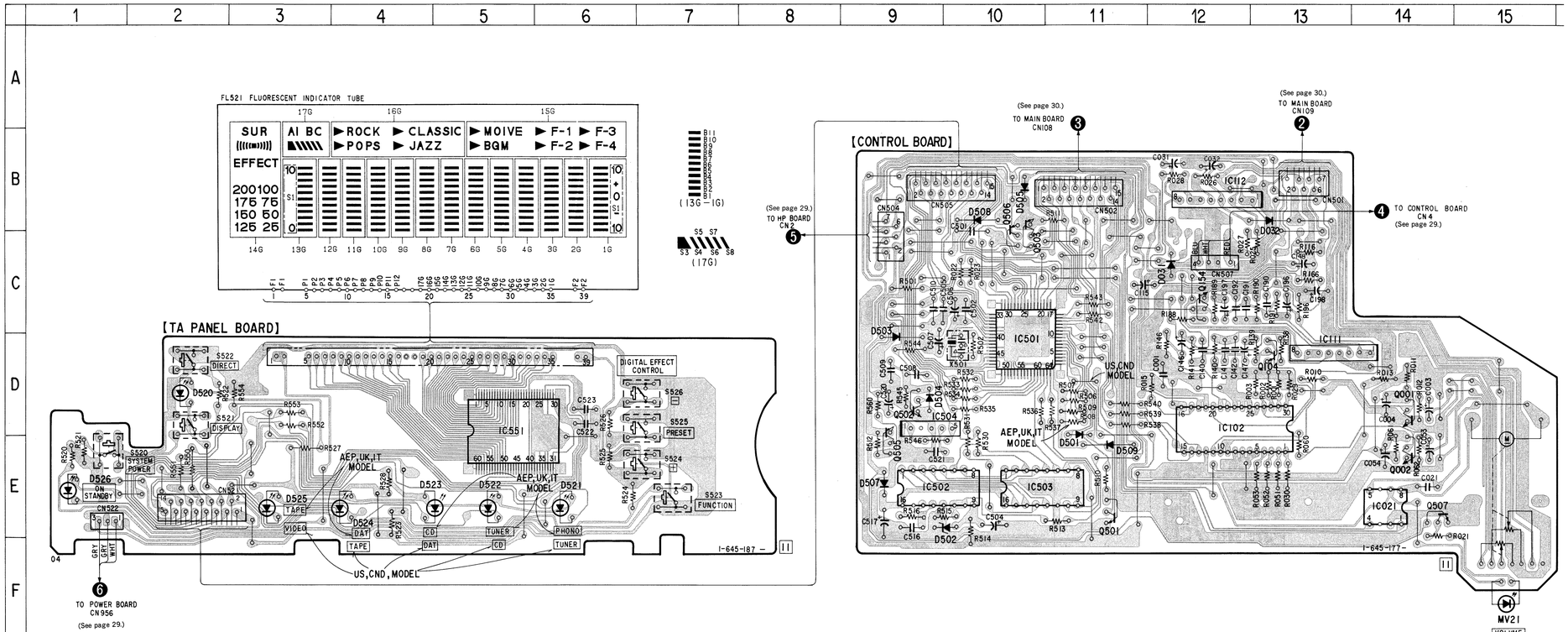
5-7. PRINTED WIRING BOARDS —PANEL SECTION—

● Refer to page 13 for Semiconductor Lead Layouts.

● Semiconductor Location

Ref. No.	Location
D031	C-12
D032	B-13
D501	E-11
D502	E-9
D503	D-9
D504	D-9
D505	B-10
D507	E-9
D508	B-10
D509	E-11
D520	D-2
D521	E-6
D522	E-5
D523	E-4
D524	E-4
D525	E-3
D526	E-1
IC021	E-14
IC102	D-12
IC111	D-13
IC112	B-12
IC501	D-10
IC502	E-9
IC503	E-10
IC504	D-9
IC551	D-5
Q001	D-14
Q002	E-14
Q104	D-13
Q154	C-12
Q501	E-11
Q502	D-9
Q503	C-10
Q505	E-9
Q506	C-10
Q507	E-14

Note:
● ○—— : parts extracted from the component side.
●CND: Canadian model
●IT: Italian model



Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ⊖ : B+ Line
- ⊖ : B− Line
- ⊖ Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : PLAY
  ※ : Impossible measurement point
- ⊖ Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ≫ : PB (DECK A)

□ CND : Canadian model
□ IT : Italian model

【TA PANEL BOARD】

TO POWER BOARD CN956 (See page 28.) 6

CN522 CN523

FL521 FLUORESCENT INDICATOR TUBE

IC551 FL DRIVE

SYSTEM POWER S520
PLAY S521
DIRECT S522
FUNCTION S523
S524
PRESET S525
STAND-BY S526

DIGITAL EFFEC CONTROL

AEP, UK, IT MODEL: PHONO, TUNER, CD, DAT, TAPE, VIDEO

US, CND MODEL: TUNER, CD, DAT, TAPE

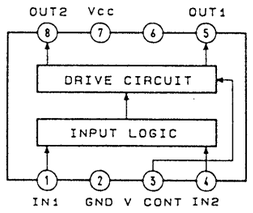
【CONTROL BOARD】

IC102 AI BC SWITCH
IC111 AI BC AMP
Q104, I54 AI BC SWITCH
IC112 BUFFER AMP
Q001, 002 MUTING
IC021 MOTOR DRIVE
IC503 SPE. ANA SWITCH
IC502 SPE. ANA
IC504 RESET DET
IC501 SYSTEM CONTROL μPD78016GC
Q501 AU BUS BUFFER
Q502 RESET
Q506 RELAY SWITCH
Q503 MUTING SWITCH

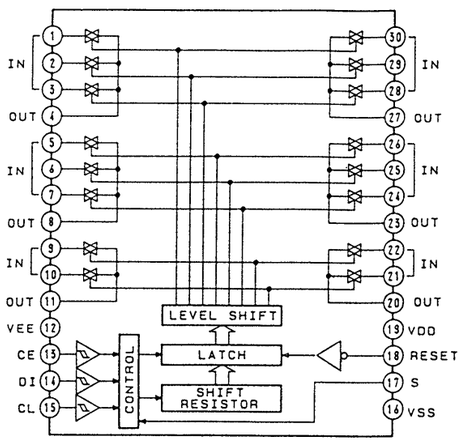
2 TO MAIN BOARD CN09 (See page 24.)
3 TO MAIN BOARD CN108 (See page 26.)
4 TO HP BOARD CN4 (See page 27.)
5 TO HP BOARD CN2 (See page 27.)

• IC Block Diagrams

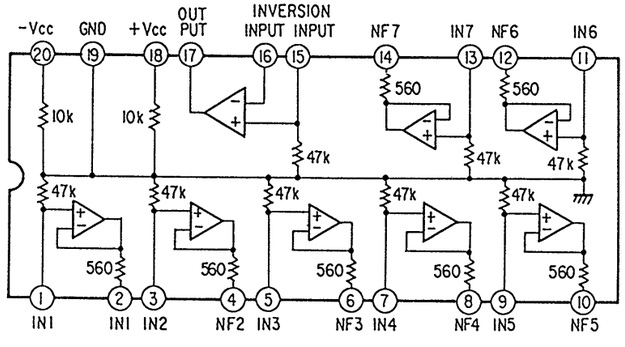
IC021 LB1639



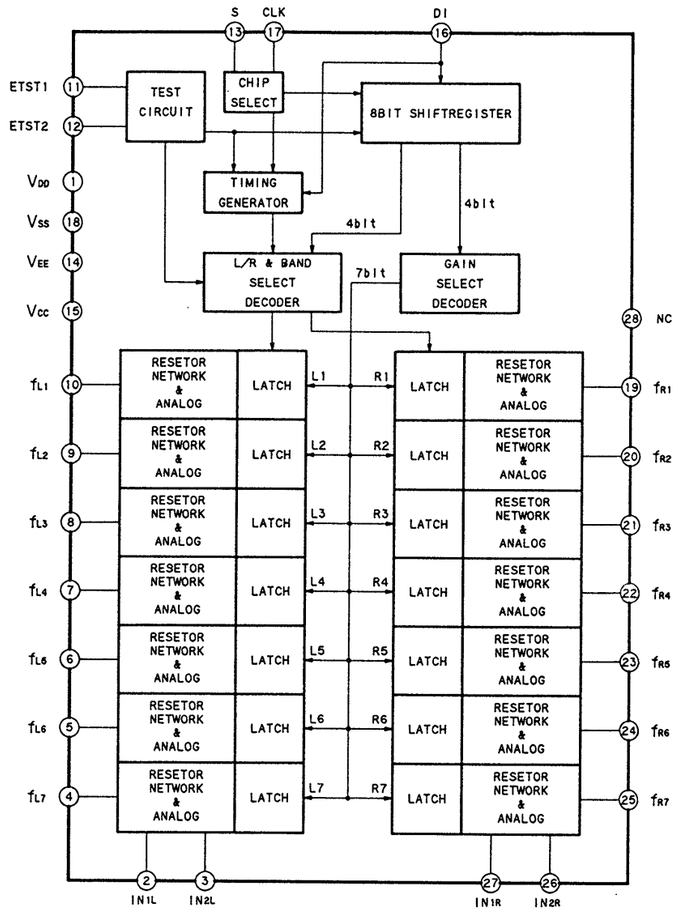
IC101, 102 LC7822



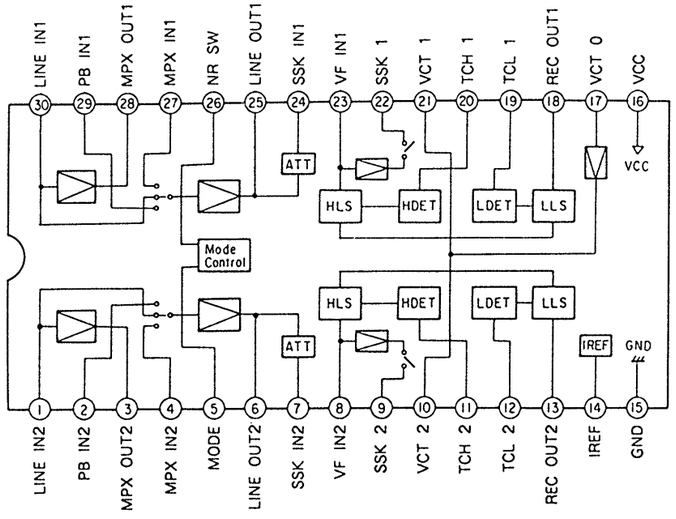
IC104, 106 M5229P



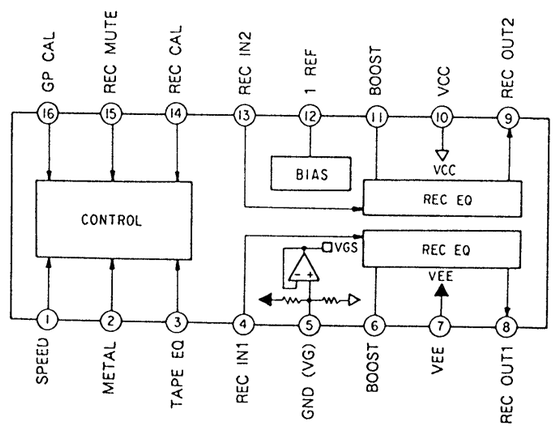
IC105 NJU7305L



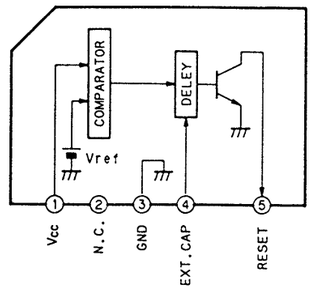
IC202 CXA1331M



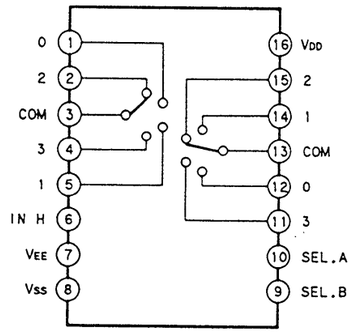
IC205 CXA1578M



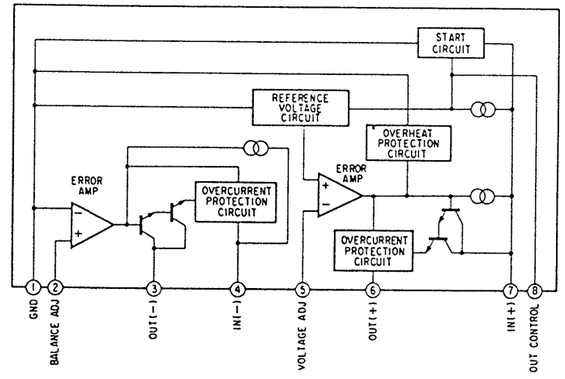
IC504 M51953AL



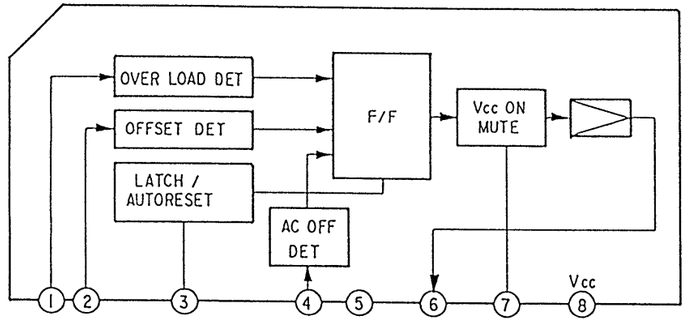
IC406 CD4052BCM
IC503 MC14052BCP



IC901 M5230L-A



IC701 μPD1237HA



SECTION 6
EXPLEDED VIEWS

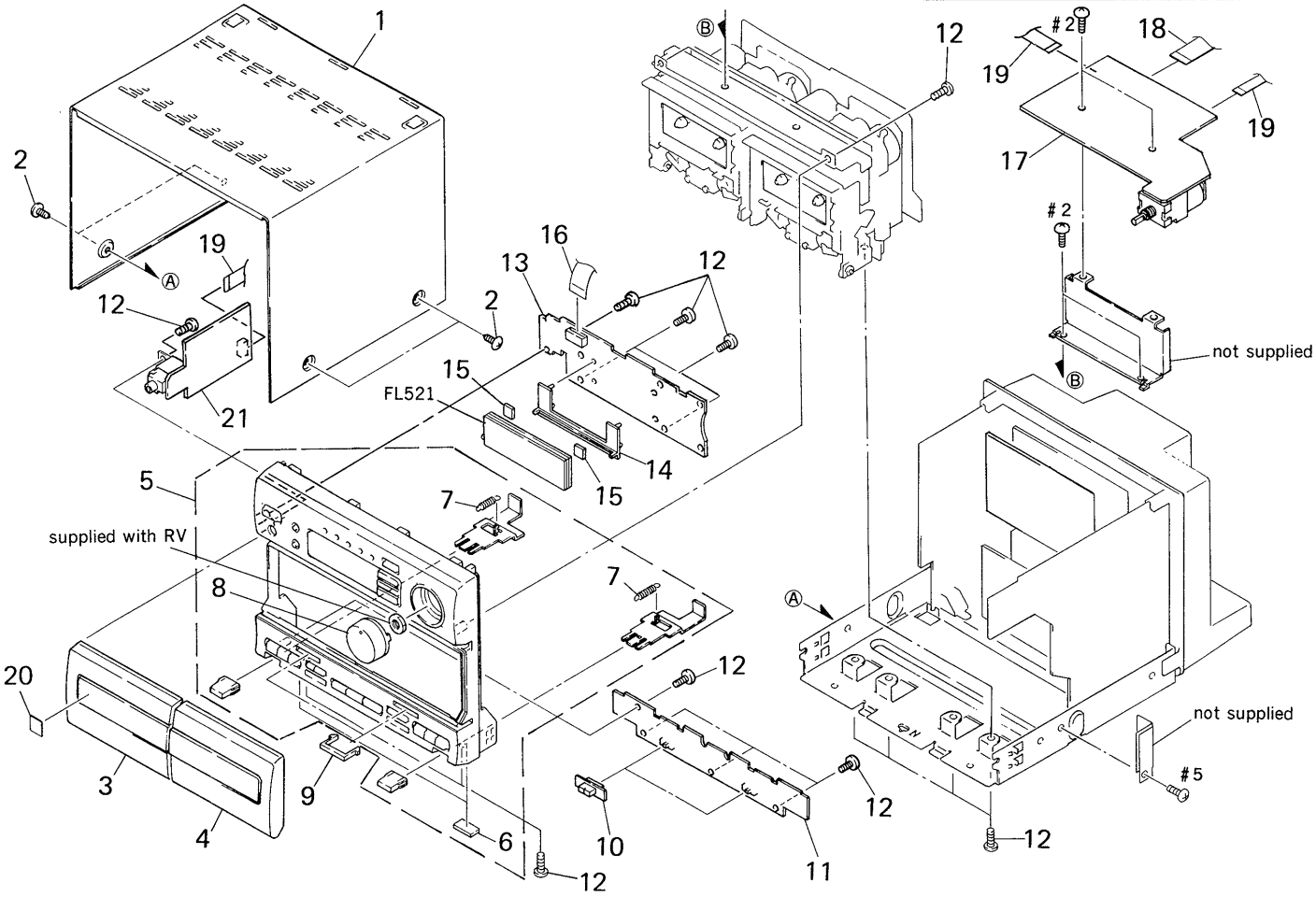
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE)... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Hardware (# mark) list is given in the last of this parts list.
- IT : Italian model

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

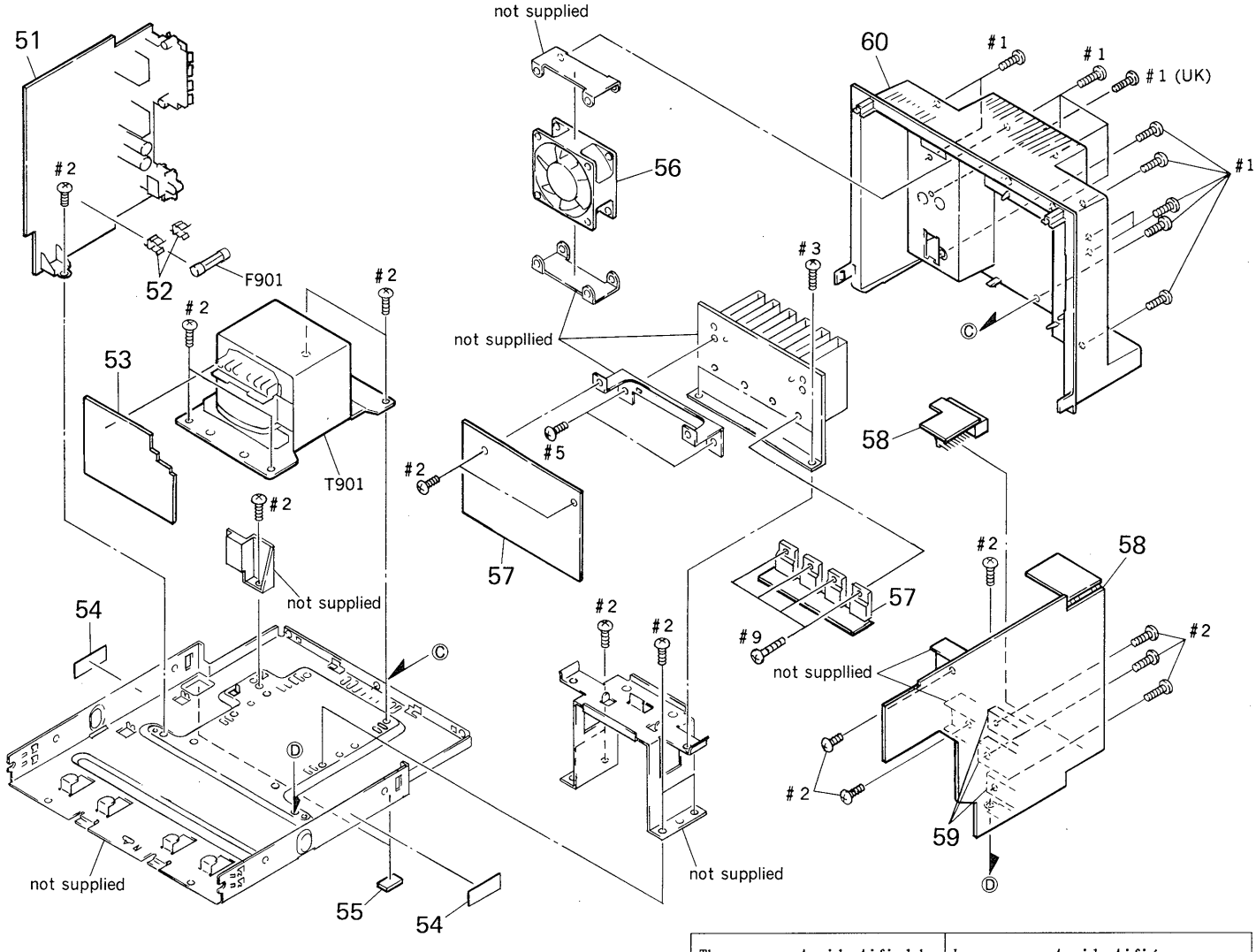
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark
* 1	4-953-614-11	CASE	
2	3-363-099-01	SCREW (CASE 3 TP2)	
3	X-4942-819-1	LID (A) ASSY, CASSETTE	
4	X-4942-824-1	LID (B) ASSY, CASSETTE	
5	X-4942-822-2	PANEL ASSY, FRONT (US, Canadian)	
5	X-4942-823-2	PANEL ASSY, FRONT (AEP, UK, IT)	
6	4-930-336-21	FOOT (FELT)	
7	3-489-099-11	SPRING, TENSION	
8	X-4942-539-1	KNOB (VOL) ASSY	
9	4-953-606-01	COVER, AZIMUTH	
10	4-953-601-01	KNOB, SLIDE	
* 11	A-4356-154-A	TC SW BOARD, COMPLETE (IT)	
* 11	A-4356-182-A	TC SW BOARD, COMPLETE (US, Canadian, AEP, UK)	
12	4-951-620-01	SCREW (2.6X8), +BVTP	
* 13	A-4356-151-A	TA PANEL BOARD, COMPLETE (IT)	
* 13	A-4356-175-A	TA PANEL BOARD, COMPLETE (US, Canadian)	
* 13	A-4356-179-A	TA PANEL BOARD, COMPLETE (AEP, UK)	
* 14	4-953-602-01	HOLDER (FL TUBE)	
* 15	4-921-941-01	CUSHION (FL)	
16	1-575-903-11	WIRE, FLAT TYPE (15 CORE)	
* 17	A-4356-152-A	CONTROL BOARD, COMPLETE (IT)	
* 17	A-4356-176-A	CONTROL BOARD, COMPLETE (US, Canadian)	
* 17	A-4356-180-A	CONTROL BOARD, COMPLETE (AEP, UK)	
18	1-696-727-11	WIRE (FLAT TYPE) (15 CORE)	
19	1-575-731-11	WIRE, FLAT TYPE (7 CORE)	
20	3-703-710-41	STICKER, SONY SYMBOL (12)	
* 21	A-4356-153-A	HP BOARD, COMPLETE (IT)	
* 21	A-4356-177-A	HP BOARD, COMPLETE (US, Canadian)	
* 21	A-4356-181-A	HP BOARD, COMPLETE (AEP, UK)	
FL521	1-519-735-11	INDICATIOR TUBE, FLUORESCENT	

6-2. CHASSIS SECTION

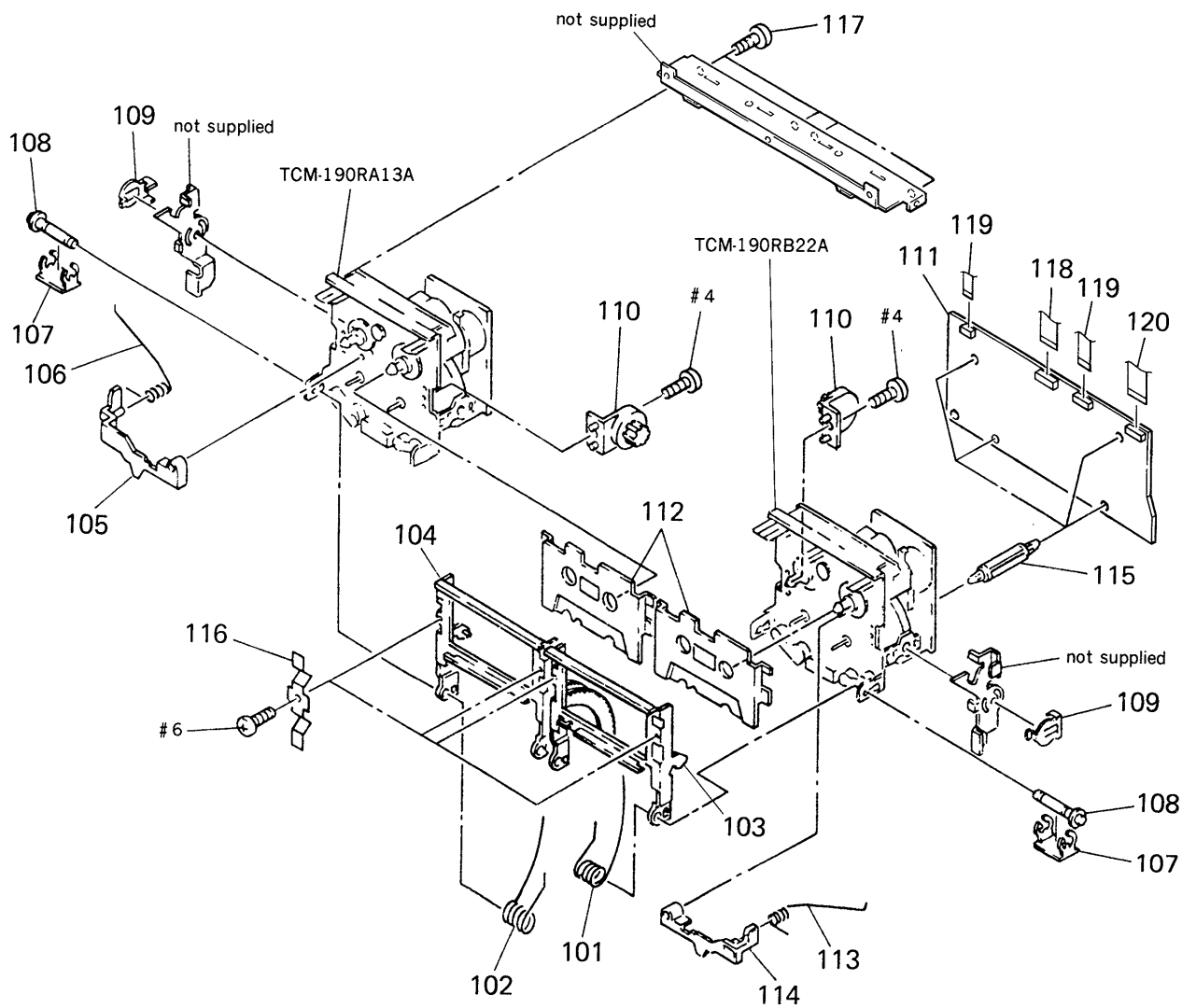


The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
* 51	A-4356-165-A	POWER BOARD, COMPLETE (US)	
* 51	A-4356-168-A	POWER BOARD, COMPLETE (AEP)	
* 51	A-4356-171-A	POWER BOARD, COMPLETE (UK)	
* 51	A-4356-490-A	POWER BOARD, COMPLETE (Canadian)	
* 51	1-4356-558-A	POWER BOARD, COMPLETE (IT)	
* 52	1-533-213-31	HOLDER, FUSE	
* 53	1-645-188-11	TRANSFORMER BOARD	
* 54	3-703-044-26	LABEL, CAUTION (US, Canadian)	
55	4-930-336-21	FOOT (FELT)	
56	1-541-860-41	MOTOR, DC FAN	
* 57	A-4356-149-A	POWER AMP BOARD, COMPLETE (IT)	
* 57	A-4356-167-A	POWER AMP BOARD, COMPLETE (US, Canadian)	
* 57	A-4356-170-A	POWER AMP COMBINED BOARD, COMPLETE (AEP, UK)	

Ref. No.	Part No.	Description	Remark
* 58	A-4356-150-A	MAIN BOARD, COMPLETE (IT)	
* 58	A-4356-174-A	MAIN BOARD, COMPLETE (US, Canadian)	
* 58	A-4356-178-A	MAIN BOARD, COMPLETE (AEP, UK)	
* 59	3-309-144-21	HEAT SINK	
* 60	4-953-618-01	PANEL, BACK (US, Canadian)	
* 60	4-953-618-11	PANEL, BACK (AEP, IT)	
* 60	4-953-618-21	PANEL, BACK (UK)	
⚠F901	1-532-285-00	FUSE T1A (AEP, UK, IT)	
⚠F901	1-532-745-11	FUSE 3.15A 125V (US, Canadian)	
⚠T901	1-697-006-11	TRANSFORMER, POWER (US, Canadian)	
⚠T901	1-697-007-11	TRANSFORMER, POWER (AEP, IT)	
⚠T901	1-697-008-11	TRANSFORMER, POWER (UK)	

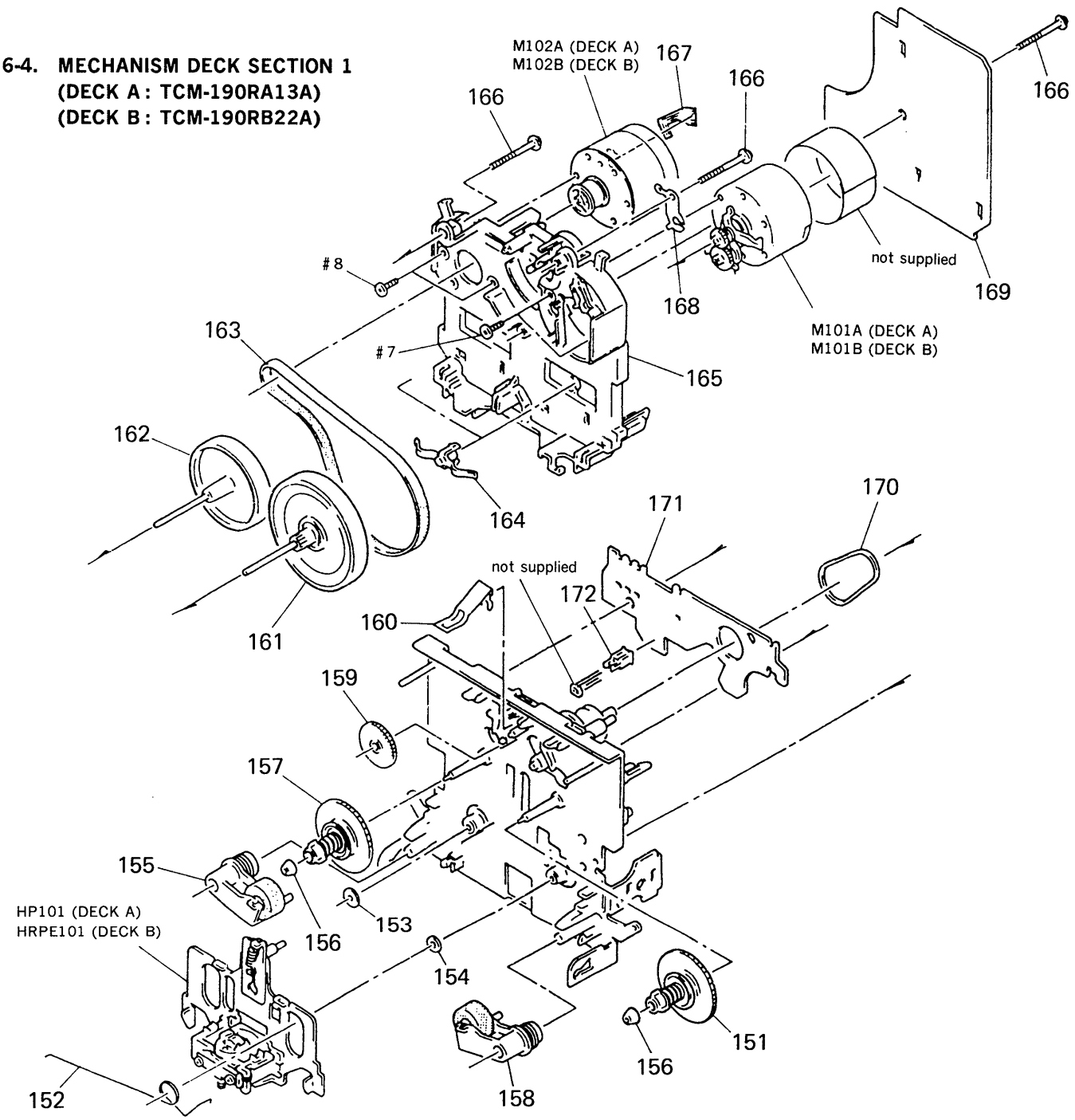
6-3. CASSETTE HOLDER SECTION



Ref. No.	Part No.	Description	Remark
101	3-354-960-01	SPRING (LOADING R), TORSION	
102	3-354-959-01	SPRING (LOADING L), TORSION	
103	X-3362-856-1	HOLDER (R) ASSY, CASSETTE	
104	X-3362-857-1	HOLDER (L) ASSY, CASSETTE	
105	3-354-955-01	LEVER (EJ SAFTY LEVER L)	
106	3-354-961-01	SPRING (EJ SAFTY SPRING L)	
107	3-367-720-01	RING (W), RETAINING	
108	3-367-721-01	SHAFT (FULCRUM SHAFT)	
109	3-354-957-01	JOINT (LOCK LEVER)	
110	3-354-963-01	DAMPER	

Ref. No.	Part No.	Description	Remark
* 111	A-4356-155-A	TC MAIN BOARD, COMPLETE (IT)	
* 111	A-4356-183-A	TC MAIN BOARD, COMPLETE (US, Canadian, AEP, UK)	
112	3-367-711-01	RETAINER, CASSETTE	
113	3-354-962-01	SPRING (EJ SAFTY SPRING R)	
114	3-354-956-01	LEVER (EJ SAFTY LEVER R)	
* 115	3-682-419-21	HOLDER, P.C.B	
116	3-340-137-01	SPRING, CASSETTE RETAINER	
117	4-951-620-01	SCREW (2.6X8), +BVTP	
118	1-696-731-11	WIRE (FLAT TYPE) (15 CORE)	
119	1-696-725-11	WIRE (FLAT TYPE) (9 CORE)	
120	1-696-726-11	WIRE (FLAT TYPE) (13 CORE)	

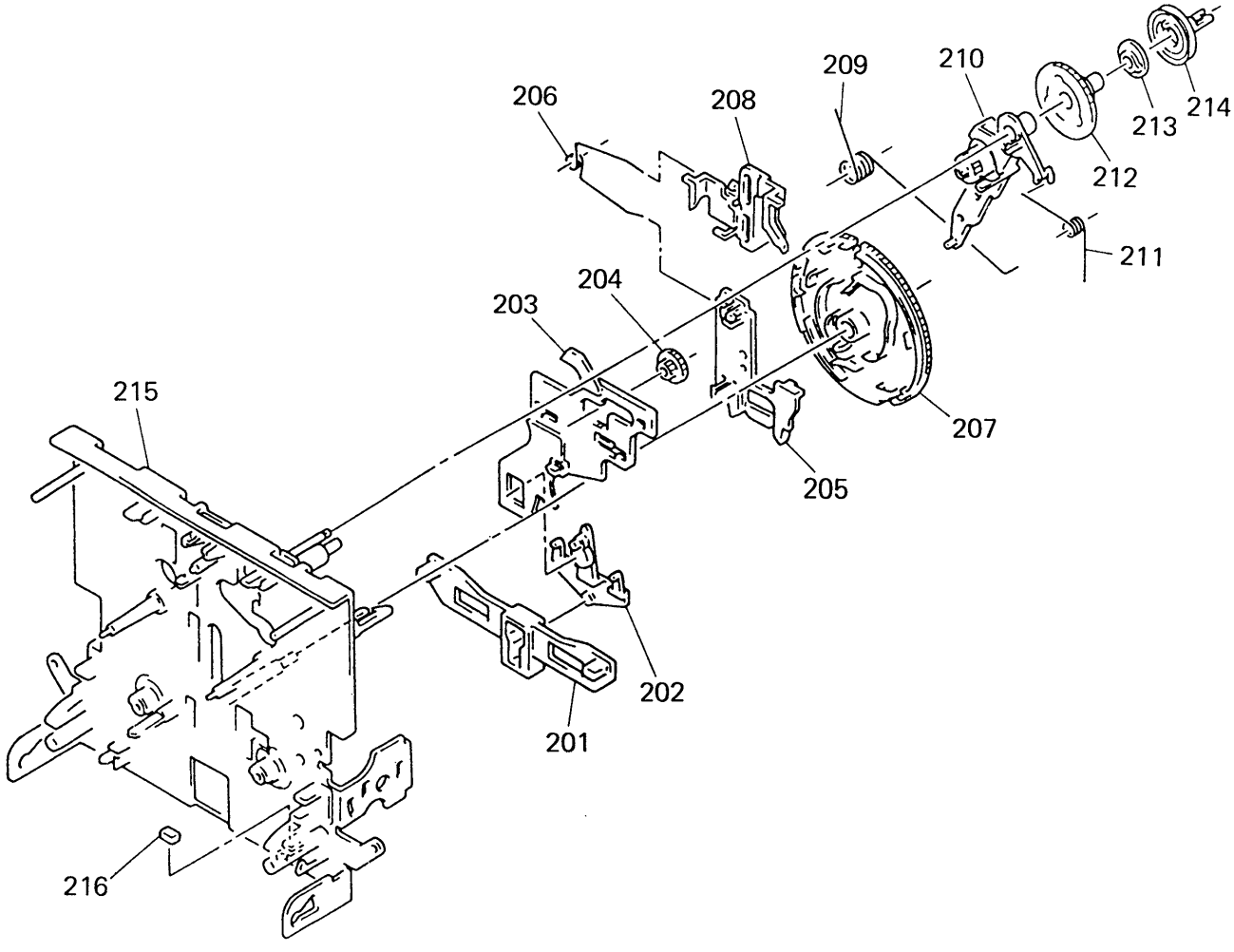
6-4. MECHANISM DECK SECTION 1
(DECK A : TCM-190RA13A)
(DECK B : TCM-190RB22A)



Ref. No.	Part No.	Description	Remark
151	X-3359-404-1	TABLE ASSY, REEL	
152	3-359-455-01	SPRING, TORSION	
153	3-356-714-01	WASHER	
154	3-356-713-01	WASHER	
155	X-3359-409-1	LEVER (PINCH LEVER REV) ASSY	
156	3-362-308-01	CAP (REEL)	
157	X-3362-078-1	TABLE ASSY (B), REEL	
158	X-3359-408-1	LEVER (PINCH LEVER FWD) ASSY	
159	3-359-424-01	GEAR (REV GEAR)	
160	3-359-430-01	SPRING(CASSETTE RETAINER), LEAF	
161	X-3359-406-1	FLYWHEEL (FWD) ASSY	
162	X-3359-410-1	FLYWHEEL (REV) ASSY	
163	3-359-417-01	BELT (FLAT), CAPSTAN	
164	3-575-321-00	RETAINER, THRUST, CAPSTAN	
* 165	3-359-436-01	BASE (THRUST RETAINER), FITTING	

Ref. No.	Part No.	Description	Remark
166	3-359-414-01	SCREW (+PTPWH 2X23)	
167	1-638-983-11	PC BOARD, MOTOR FLEXIBLE	
168	3-359-450-01	PLATE, GROUND	
* 169	A-2006-399-A	MD-A BOARD, COMPLETE	
* 169	A-2006-400-A	MD-B BOARD, COMPLETE	
170	3-359-466-01	BELT (FR), SQUARE	
* 171	1-634-841-14	SW-A BOARD (DECK A)	
* 171	1-634-841-14	SW-B BOARD (DECK B)	
172	3-343-419-01	HOLDER (S SENSER A)	
HP101	A-2003-868-F	BASE ASSY, HEAD (DECK A)	
HRPE101	A-2003-838-F	BASE ASSY, HEAD (DECK B)	
M101A	X-3363-501-1	MOTOR ASSY, REEL (DECK A)	
M101B	X-3363-501-1	MOTORASSY, REEL (DECK B)	
M102A	X-3359-417-1	MOTOR ASSY, CAPSTAN (DECK A)	
M102B	X-3359-417-1	MOTOR ASSY, CAPSTAN (DECK B)	

6-5. MECHANISM DECK SECTION 2
(DECK A : TCM-190RA13A)
(DECK B : TCM-190RB22A)



Ref. No.	Part No.	Description	Remark
* 201	3-359-425-01	SLIDER (REVERSE SLIDER)	
202	3-359-426-01	LEVER (REVERSE LEVER)	
* 203	3-359-415-01	SLIDER (TRIGGER SLIDER)	
204	3-359-448-01	GEAR (TRIGGER)	
* 205	3-359-427-01	SLIDER (LEVERSE SLIDER)	
206	3-359-454-01	SPRING, TORSION	
207	3-359-420-01	GEAR (CAM GEAR)	
208	3-359-429-01	SLIDER (BRAKE PLATE)	

Ref. No.	Part No.	Description	Remark
209	3-359-456-01	SPRING(TRIGGER SPRING), TORSION	
210	X-3359-405-1	LEVER (FR ARM) ASSY	
211	3-359-453-01	SPRING (FR ARM), TORSION	
212	3-359-419-01	GEAR (FR GEAR)	
213	3-359-421-01	CLUTCH (REEL DISK)	
214	3-359-418-01	PULLEY (FR PULLEY)	
215	X-3363-790-1	CHASSIS ASSY, MECHANICAL	
216	3-359-469-01	SPACER	

SECTION 7
ELECTRICAL PARTS LIST

CONTROL

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u:μ, for example:
  uA..: μA.. uPA..: μPA..
  uPB..: μPB.. uPC..: μPC.. uPD..: μPD..
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- IT : Italian model

Ref. No.	Part No.	Description			Remark
*	A-4356-152-A	CONTROL BOARD, COMPLETE (IT)			
*	A-4356-176-A	CONTROL BOARD, COMPLETE (US, Canadian)			
*	A-4356-180-A	CONTROL BOARD, COMPLETE (AEP, UK)			
		**********			
		< CAPACITOR >			
C001	1-161-379-00	CERAMIC	0.01uF	20%	25V
C003	1-124-907-11	ELECT	10uF	20%	50V
C004	1-124-910-11	ELECT	47uF	20%	50V
C021	1-136-153-00	FILM	0.01uF	5%	50V
C031	1-124-472-11	ELECT	470uF	20%	10V
C032	1-124-472-11	ELECT	470uF	20%	10V
C053	1-124-907-11	ELECT	10uF	20%	50V
C054	1-124-910-11	ELECT	47uF	20%	50V
C115	1-124-903-11	ELECT	1uF	20%	50V
C140	1-136-165-00	FILM	0.1uF	5%	50V
C141	1-136-165-00	FILM	0.1uF	5%	50V
C142	1-162-282-31	CERAMIC	100PF	10%	50V
C146	1-124-925-11	ELECT	2.2uF	20%	100V
C147	1-124-903-11	ELECT	1uF	20%	50V
C148	1-124-443-00	ELECT	100uF	20%	10V
C190	1-136-165-00	FILM	0.1uF	5%	50V
C191	1-136-165-00	FILM	0.1uF	5%	50V
C192	1-162-282-31	CERAMIC	100PF	10%	50V
C196	1-124-925-11	ELECT	2.2uF	20%	100V
C197	1-124-903-11	ELECT	1uF	20%	50V
C198	1-124-443-00	ELECT	100uF	20%	10V
C501	1-161-379-00	CERAMIC	0.01uF	20%	25V
C502	1-164-159-11	CERAMIC	0.1uF		50V
C504	1-126-233-11	ELECT	22uF	20%	50V
C505	1-164-159-11	CERAMIC	0.1uF		50V
C506	1-125-623-11	CAP, DOUBLE LAYEYERS			0.22F
C507	1-124-907-11	ELECT	10uF	20%	50V
C508	1-136-173-00	FILM	0.47uF	5%	50V
C509	1-164-159-11	CERAMIC	0.1uF		50V
C510	1-161-379-00	CERAMIC	0.01uF	20%	25V
C516	1-162-294-31	CERAMIC	0.001uF	10%	50V
C517	1-124-477-11	ELECT	47uF	20%	25V
C520	1-124-907-11	ELECT	10uF	20%	50V
C521	1-136-165-00	FILM	0.1uF	5%	50V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
* CN501	1-568-850-11	SOCKET, CONNECTOR 7P	
* CN502	1-568-858-11	SOCKET, CONNECTOR 15P	
* CN504	1-568-850-11	SOCKET, CONNECTOR 7P	
* CN505	1-568-858-11	SOCKET, CONNECTOR 15P	
		< DIODE >	
D031	8-719-987-63	DIODE 1N4148M	
D032	8-719-987-63	DIODE 1N4148M	
D501	8-719-987-63	DIODE 1N4148M	
D502	8-719-010-39	DIODE UZ-5.1BSC	
D503	8-719-987-63	DIODE 1N4148M	
D504	8-719-987-63	DIODE 1N4148M	
D505	8-719-987-63	DIODE 1N4148M	
D507	8-719-987-63	DIODE 1N4148M	
D508	8-719-987-63	DIODE 1N4148M	
D509	8-719-987-63	DIODE 1N4148M	
		< IC >	
IC021	8-759-820-62	IC LB1639	
IC102	8-759-805-14	IC LC7822	
IC111	8-759-634-50	IC M5218AL	
IC112	8-759-634-50	IC M5218AL	
IC501	8-759-081-00	IC uPD78011GC-507-AB8	
IC502	8-759-991-11	IC XR1091DCP	
IC503	8-759-000-48	IC MC14052BCP	
IC504	8-759-605-16	IC M51953BL	
		< VARIABLE RESISTOR >	
MV021	1-241-999-11	RES, VAR, CARBON 100K/100K (VOLUME)	
		< TRANSISTOR >	
Q001	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q002	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q104	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q154	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q501	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q502	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q503	8-729-900-61	TRANSISTOR DTA114ES	

CONTROL HP

Ref. No.	Part No.	Description				Remark
Q505	8-729-119-76	TRANSISTOR	2SA1175-HFE			
Q506	8-729-900-61	TRANSISTOR	DTA114ES			
Q507	8-729-900-80	TRANSISTOR	DTC114ES			
		< RESISTOR >				
R001	1-247-876-11	CARBON	75K	5%	1/4W	
R002	1-247-887-00	CARBON	220K	5%	1/4W	
R003	1-247-903-00	CARBON	1M	5%	1/4W	
R010	1-249-417-11	CARBON	1K	5%	1/4W	F
R011	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R012	1-247-895-00	CARBON	470K	5%	1/4W	
R013	1-249-429-11	CARBON	10K	5%	1/4W	
R015	1-249-429-11	CARBON	10K	5%	1/4W	
R021	1-249-413-11	CARBON	470	5%	1/4W	F
R022	1-249-417-11	CARBON	1K	5%	1/4W	F
R023	1-249-417-11	CARBON	1K	5%	1/4W	F
R025	1-249-441-11	CARBON	100K	5%	1/4W	
R026	1-249-441-11	CARBON	100K	5%	1/4W	
R027	1-249-417-11	CARBON	1K	5%	1/4W	F
R028	1-249-417-11	CARBON	1K	5%	1/4W	F
R029	1-249-432-11	CARBON	18K	5%	1/4W	
R030	1-249-432-11	CARBON	18K	5%	1/4W	
R051	1-247-876-11	CARBON	75K	5%	1/4W	
R052	1-247-887-00	CARBON	220K	5%	1/4W	
R053	1-247-903-00	CARBON	1M	5%	1/4W	
R060	1-249-417-11	CARBON	1K	5%	1/4W	F
R061	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R062	1-247-895-00	CARBON	470K	5%	1/4W	
R116	1-249-437-11	CARBON	47K	5%	1/4W	
R138	1-249-435-11	CARBON	33K	5%	1/4W	
R139	1-249-432-11	CARBON	18K	5%	1/4W	
R140	1-247-891-00	CARBON	330K	5%	1/4W	
R141	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R146	1-249-441-11	CARBON	100K	5%	1/4W	
R166	1-249-437-11	CARBON	47K	5%	1/4W	
R188	1-249-435-11	CARBON	33K	5%	1/4W	
R189	1-249-432-11	CARBON	18K	5%	1/4W	
R190	1-247-891-00	CARBON	330K	5%	1/4W	
R191	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R196	1-249-441-11	CARBON	100K	5%	1/4W	
R501	1-249-417-11	CARBON	1K	5%	1/4W	F
R502	1-247-903-00	CARBON	1M	5%	1/4W	
R506	1-249-429-11	CARBON	10K	5%	1/4W	
R507	1-249-429-11	CARBON	10K	5%	1/4W	
R508	1-249-437-11	CARBON (AEP, UK, IT)	47K	5%	1/4W	
R509	1-249-437-11	CARBON	47K	5%	1/4W	
R510	1-249-429-11	CARBON	10K	5%	1/4W	
R511	1-249-429-11	CARBON	10K	5%	1/4W	
R512	1-249-429-11	CARBON	10K	5%	1/4W	
R513	1-249-429-11	CARBON	10K	5%	1/4W	
R514	1-249-405-11	CARBON	100	5%	1/4W	F
R515	1-249-429-11	CARBON	10K	5%	1/4W	
R516	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R530	1-249-417-11	CARBON	1K	5%	1/4W	F
R531	1-249-417-11	CARBON	1K	5%	1/4W	F
R532	1-249-417-11	CARBON	1K	5%	1/4W	F
R533	1-249-417-11	CARBON	1K	5%	1/4W	F
R534	1-249-417-11	CARBON	1K	5%	1/4W	F
R535	1-249-417-11	CARBON	1K	5%	1/4W	F
R536	1-249-417-11	CARBON	1K	5%	1/4W	F
R537	1-249-417-11	CARBON	1K	5%	1/4W	F
R538	1-249-417-11	CARBON	1K	5%	1/4W	F
R539	1-249-417-11	CARBON	1K	5%	1/4W	F
R540	1-249-417-11	CARBON	1K	5%	1/4W	F
R542	1-249-417-11	CARBON	1K	5%	1/4W	F
R543	1-249-417-11	CARBON	1K	5%	1/4W	F
R544	1-249-433-11	CARBON	22K	5%	1/4W	
R545	1-249-433-11	CARBON	22K	5%	1/4W	
R546	1-249-429-11	CARBON	10K	5%	1/4W	
R560	1-249-429-11	CARBON	10K	5%	1/4W	
		< VIBRATOR >				
X501	1-579-599-21	VIBRATOR, CERAMIC (8.38MHz)				
**********						
*	A-4356-153-A	HP BOARD, COMPLETE (IT)				
*	A-4356-177-A	HP BOARD, COMPLETE (US, Canadian)				
*	A-4356-181-A	HP BOARD, COMPLETE (AEP, UK)				
		**********				
		< CAPACITOR >				
C9	1-161-379-00	CERAMIC	0.01uF	20%	25V	
C59	1-161-379-00	CERAMIC	0.01uF	20%	25V	
C751	1-124-119-00	ELECT	330uF	20%	16V	
C752	1-124-119-00	ELECT	330uF	20%	16V	
C753	1-162-211-31	CERAMIC	33PF	5%	50V	
C754	1-162-211-31	CERAMIC	33PF	5%	50V	
C755	1-162-282-31	CERAMIC	100PF	10%	50V	
C756	1-162-282-31	CERAMIC	100PF	10%	50V	
C757	1-124-907-11	ELECT	10uF	20%	50V	
C758	1-124-463-00	ELECT	0.1uF	20%	50V	
C759	1-136-165-00	FILM	0.1uF	5%	50V	
C760	1-136-165-00	FILM	0.1uF	5%	50V	
C761	1-136-157-00	FILM	0.022uF	5%	50V	
C762	1-136-157-00	FILM	0.022uF	5%	50V	
C763	1-136-157-00	FILM	0.022uF	5%	50V	
C764	1-136-157-00	FILM	0.022uF	5%	50V	

Ref. No.	Part No.	Description				Remark
C765	1-162-282-31	CERAMIC	100PF	10%	50V	
C766	1-162-282-31	CERAMIC	100PF	10%	50V	
C767	1-124-907-11	ELECT	10uF	20%	50V	
C768	1-124-907-11	ELECT	10uF	20%	50V	
C769	1-136-165-00	FILM	0.1uF	5%	50V	
C770	1-136-165-00	FILM	0.1uF	5%	50V	
C771	1-161-379-00	CERAMIC	0.01uF	20%	25V	
C772	1-161-379-00	CERAMIC	0.01uF	20%	25V	
C773	1-124-907-11	ELECT	10uF	20%	50V	
C774	1-124-907-11	ELECT	10uF	20%	50V	
C775	1-124-907-11	ELECT	10uF	20%	50V	
C776	1-124-907-11	ELECT	10uF	20%	50V	
		< CONNECTOR >				
* CN1	1-568-826-11	SOCKET, CONNECTOR 7P				
* CN2	1-568-850-11	SOCKET, CONNECTOR 7P				
* CN4	1-564-506-11	PLUG, CONNECTOR 3P				
		< DIODE >				
D3	8-719-987-63	DIODE 1N4148M				
D751	8-719-987-63	DIODE 1N4148M				
		< IC >				
IC751	8-759-634-50	IC M5218AL				
IC752	8-759-634-50	IC M5218AL				
IC753	8-759-634-50	IC M5218AL				
		< JACK >				
J001	1-562-837-21	JACK (HEADPHONES)				
		< RESISTOR >				
R17	1-249-399-11	CARBON	33	5%	1/4W	F
R67	1-249-399-11	CARBON	33	5%	1/4W	F
R751	1-249-405-11	CARBON	100	5%	1/4W	F
R752	1-249-405-11	CARBON	100	5%	1/4W	F
R753	1-249-431-11	CARBON	15K	5%	1/4W	
R754	1-249-431-11	CARBON	15K	5%	1/4W	
R755	1-249-439-11	CARBON	68K	5%	1/4W	
R756	1-249-439-11	CARBON	68K	5%	1/4W	
R757	1-249-437-11	CARBON	47K	5%	1/4W	
R758	1-249-437-11	CARBON	47K	5%	1/4W	
R759	1-249-437-11	CARBON	47K	5%	1/4W	
R760	1-247-903-00	CARBON	1M	5%	1/4W	
R761	1-249-430-11	CARBON	12K	5%	1/4W	
R762	1-249-430-11	CARBON	12K	5%	1/4W	
R763	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R764	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R765	1-249-441-11	CARBON	100K	5%	1/4W	
R766	1-249-441-11	CARBON	100K	5%	1/4W	
R767	1-247-903-00	CARBON	1M	5%	1/4W	
R768	1-247-903-00	CARBON	1M	5%	1/4W	
R769	1-249-432-11	CARBON	18K	5%	1/4W	
R770	1-249-432-11	CARBON	18K	5%	1/4W	
**********						
*	A-4356-150-A	MAIN BOARD, COMPLETE (IT)				
*	A-4356-174-A	MAIN BOARD, COMPLETE (US, Canadian)				
*	A-4356-178-A	MAIN BOARD, COMPLETE (AEP, UK)				
		**********				
*	3-309-144-21	HEAT SINK				
	7-682-547-04	SCREW +BVTT 3X6 (S)				
		< CAPACITOR >				
C101	1-162-282-31	CERAMIC	100PF	10%	50V	
C102	1-162-282-31	CERAMIC	100PF	10%	50V	
C103	1-162-282-31	CERAMIC	100PF	10%	50V	
C105	1-162-286-31	CERAMIC (AEP, UK, IT)	220PF	10%	50V	
C106	1-124-927-11	ELECT (AEP, UK, IT)	4.7uF	20%	100V	
C107	1-130-480-00	MYLAR (AEP, UK, IT)	0.0056uF	5%	50V	
C108	1-130-473-00	MYLAR (AEP, UK, IT)	0.0015uF	5%	50V	
C109	1-124-925-11	ELECT (AEP, UK, IT)	2.2uF	20%	100V	
C111	1-124-903-11	ELECT	1uF	20%	50V	
C112	1-161-379-00	CERAMIC	0.01uF	20%	25V	
C113	1-161-379-00	CERAMIC	0.01uF	20%	25V	
C114	1-124-907-11	ELECT	10uF	20%	50V	
C115	1-124-903-11	ELECT	1uF	20%	50V	
C120	1-124-907-11	ELECT	10uF	20%	50V	
C121	1-124-925-11	ELECT	2.2uF	20%	100V	
C122	1-162-286-31	CERAMIC	220PF	10%	50V	
C123	1-136-168-00	FILM	0.18uF	5%	50V	
C124	1-136-168-00	FILM	0.18uF	5%	50V	
C125	1-124-902-00	ELECT	0.47uF	20%	50V	
C126	1-124-902-00	ELECT	0.47uF	20%	50V	
C127	1-130-021-00	MYLAR	0.0018uF	10%	50V	
C128	1-130-021-00	MYLAR	0.0018uF	10%	50V	
C129	1-130-479-00	MYLAR	0.0047uF	5%	50V	
C130	1-130-479-00	MYLAR	0.0047uF	5%	50V	
C131	1-136-154-00	FILM	0.012uF	5%	50V	
C132	1-136-154-00	FILM	0.012uF	5%	50V	
C133	1-136-158-00	FILM	0.027uF	5%	50V	
C134	1-136-158-00	FILM	0.027uF	5%	50V	
C135	1-136-163-00	FILM	0.068uF	5%	50V	
C136	1-136-163-00	FILM	0.068uF	5%	50V	

MAIN

Ref. No.	Part No.	Description			Remark
C138	1-162-286-31	CERAMIC	220PF	10%	50V
C139	1-124-903-11	ELECT	1uF	20%	50V
C151	1-162-282-31	CERAMIC	100PF	10%	50V
C152	1-162-282-31	CERAMIC	100PF	10%	50V
C153	1-162-282-31	CERAMIC	100PF	10%	50V
C155	1-162-286-31	CERAMIC (AEP, UK, IT)	220PF	10%	50V
C156	1-124-927-11	ELECT (AEP, UK, IT)	4.7uF	20%	100V
C157	1-130-480-00	MYLAR (AEP, UK, IT)	0.0056uF	5%	50V
C158	1-130-473-00	MYLAR (AEP, UK, IT)	0.0015uF	5%	50V
C159	1-124-925-11	ELECT (AEP, UK, IT)	2.2uF	20%	100V
C161	1-124-477-11	ELECT	47uF	20%	25V
C162	1-161-379-00	CERAMIC	0.01uF	20%	25V
C163	1-161-379-00	CERAMIC	0.01uF	20%	25V
C164	1-124-907-11	ELECT	10uF	20%	50V
C170	1-124-907-11	ELECT	10uF	20%	50V
C171	1-124-925-11	ELECT	2.2uF	20%	100V
C172	1-162-286-31	CERAMIC	220PF	10%	50V
C173	1-136-168-00	FILM	0.18uF	5%	50V
C174	1-136-168-00	FILM	0.18uF	5%	50V
C175	1-124-902-00	ELECT	0.47uF	20%	50V
C176	1-124-902-00	ELECT	0.47uF	20%	50V
C177	1-130-021-00	MYLAR	0.0018uF	10%	50V
C178	1-130-021-00	MYLAR	0.0018uF	10%	50V
C179	1-130-479-00	MYLAR	0.0047uF	5%	50V
C180	1-130-479-00	MYLAR	0.0047uF	5%	50V
C181	1-136-154-00	FILM	0.012uF	5%	50V
C182	1-136-154-00	FILM	0.012uF	5%	50V
C183	1-136-158-00	FILM	0.027uF	5%	50V
C184	1-136-158-00	FILM	0.027uF	5%	50V
C185	1-136-163-00	FILM	0.068uF	5%	50V
C186	1-136-163-00	FILM	0.068uF	5%	50V
C188	1-162-286-31	CERAMIC	220PF	10%	50V
C201	1-162-282-31	CERAMIC (AEP, UK, IT)	100PF	10%	50V
C205	1-162-282-31	CERAMIC (AEP, UK, IT)	100PF	10%	50V
C240	1-162-282-31	CERAMIC	100PF	10%	50V (IT)
C290	1-162-282-31	CERAMIC	100PF	10%	50V (IT)
C494	1-161-379-00	CERAMIC (AEP, UK, IT)	0.01uF	20%	25V
C901	1-126-969-91	ELECT (US, Canadian)	220uF	20%	50V
C901	1-126-970-91	ELECT (AEP, UK, IT)	330uF	20%	50V
C902	1-124-478-11	ELECT	100uF	20%	25V

Ref. No.	Part No.	Description			Remark
C903	1-126-943-11	ELECT	2200uF	20%	25V
C904	1-126-943-11	ELECT	2200uF	20%	25V
C905	1-124-907-11	ELECT	10uF	20%	50V
C906	1-124-907-11	ELECT	10uF	20%	50V
C907	1-124-907-11	ELECT	10uF	20%	50V
C908	1-124-907-11	ELECT	10uF	20%	50V
C909	1-124-907-11	ELECT	10uF	20%	50V
C911	1-124-907-11	ELECT	10uF	20%	50V
C912	1-124-907-11	ELECT	10uF	20%	50V
C913	1-124-907-11	ELECT	10uF	20%	50V
C914	1-124-636-00	ELECT	3300uF	20%	25V
C915	1-124-636-00	ELECT	3300uF	20%	25V
C916	1-124-893-11	ELECT	2200uF	20%	10V
C917	1-124-893-11	ELECT	2200uF	20%	10V
C921	1-126-969-91	ELECT (US, Canadian)	220uF	20%	50V
C921	1-126-970-91	ELECT (AEP, UK, IT)	330uF	20%	50V
C922	1-126-101-11	ELECT	100uF	20%	16V
C923	1-124-907-11	ELECT	10uF	20%	50V
C924	1-124-927-11	ELECT	4.7uF	20%	100V
C928	1-124-477-11	ELECT	47uF	20%	25V
C930	1-164-159-11	CERAMIC	0.1uF		50V
C931	1-164-159-11	CERAMIC	0.1uF		50V

< CONNECTOR >

* CN101	1-566-859-11	SOCKET, CONNECTOR 15P	(SYSTEM CONTROL 1)
* CN103	1-569-624-11	SOCKET, CONNECTOR 17P	(SYSTEM CONTROL 2)
* CN104	1-568-832-11	SOCKET, CONNECTOR 13P	
* CN105	1-564-496-11	PIN, CONNECTOR 3P	
* CN106	1-564-506-11	PLUG, CONNECTOR 3P	
* CN108	1-568-834-11	SOCKET, CONNECTOR 15P	
* CN109	1-568-826-11	SOCKET, CONNECTOR 7P	
* CN110	1-695-649-11	CONNECTOR, BOARD TO BOARD 10P	
* CN111	1-568-455-11	PIN, CONNECTOR (PC BOARD) 10P	

< DIODE >

D115	8-719-987-63	DIODE	1N4148M
D116	8-719-987-63	DIODE	1N4148M
D901	8-719-200-82	DIODE	11ES2
D902	8-719-200-82	DIODE	11ES2
D903	8-719-200-82	DIODE	11ES2
D904	8-719-200-82	DIODE	11ES2
D905	8-719-200-82	DIODE	11ES2
D906	8-719-200-82	DIODE	11ES2
D907	8-719-910-25	DIODE	HZ12B2L
D908	8-719-987-63	DIODE	1N4148M
D909	8-719-200-82	DIODE	11ES2
D910	8-719-200-82	DIODE	11ES2

Ref. No.	Part No.	Description	Remark
D911	8-719-200-82	DIODE 11ES2	
D912	8-719-200-82	DIODE 11ES2	
D913	8-719-987-63	DIODE 1N4148M	
D914	8-719-987-63	DIODE 1N4148M	
D920	8-719-933-41	DIODE HZS6C3L	
D921	8-719-933-54	DIODE HZS9A2L	
		< FUSE >	
⚠F901	1-532-781-11	FUSE, MICRO 3.15A 125V (US, Canadian)	
⚠F901	1-532-844-21	LINK, IC (3.15A) (AEP, UK, IT)	
⚠F902	1-532-781-11	FUSE, MICRO 3.15A 125V (US, Canadian)	
⚠F902	1-532-844-21	LINK, IC (3.15A) (AEP, UK, IT)	
		< IC >	
IC101	8-759-805-14	IC LC7822	
IC104	8-759-603-14	IC M5229P	
IC105	8-759-081-01	IC NJU7305L	
IC106	8-759-603-14	IC M5229P	
IC110	8-759-634-50	IC M5218AL (AEP, UK, IT)	
IC901	8-759-602-66	IC M5230L-A	
IC902	8-759-231-53	IC TA7805S	
		< JACK >	
J101	1-565-320-61	JACK, PIN 6P (VIDEO IN, PHOTO IN, DAT IN/OUT)	
		< TRANSISTOR >	
Q107	8-729-900-61	TRANSISTOR DTA114ES	
Q108	8-729-224-62	TRANSISTOR 2SK246-GR	
Q109	8-729-900-80	TRANSISTOR DTC114ES	
Q901	8-729-209-15	TRANSISTOR 2SD2012	
Q903	8-729-900-80	TRANSISTOR DTC114ES	
Q904	8-729-209-15	TRANSISTOR 2SD2012	
Q907	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q908	8-729-209-15	TRANSISTOR 2SD2012	
Q909	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q910	8-729-900-80	TRANSISTOR DTC114ES	
Q911	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q912	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q913	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q929	8-729-900-61	TRANSISTOR DTA114ES	
Q930	8-729-900-80	TRANSISTOR DTC114ES	
		< RESISTOR >	
R101	1-249-437-11	CARBON 47K 5% 1/4W	
R102	1-249-437-11	CARBON 47K 5% 1/4W	
R103	1-249-432-11	CARBON 18K 5% 1/4W	
R104	1-249-437-11	CARBON 47K 5% 1/4W	
R105	1-249-417-11	CARBON (AEP, UK, IT) 1K 5% 1/4W	F
R106	1-249-417-11	CARBON (AEP, UK, IT) 1K 5% 1/4W	F
R107	1-247-897-11	CARBON (AEP, UK, IT) 560K 5% 1/4W	
R108	1-249-437-11	CARBON (AEP, UK, IT) 47K 5% 1/4W	
R110	1-249-430-11	CARBON (AEP, UK, IT) 12K 5% 1/4W	
R111	1-247-883-00	CARBON 150K 5% 1/4W	
R112	1-249-437-11	CARBON 47K 5% 1/4W	
R113	1-249-423-11	CARBON 3.3K 5% 1/4W	F
R114	1-249-423-11	CARBON 3.3K 5% 1/4W	F
R115	1-249-437-11	CARBON 47K 5% 1/4W	
R120	1-249-417-11	CARBON 1K 5% 1/4W	F
R121	1-249-417-11	CARBON 1K 5% 1/4W	F
R122	1-249-417-11	CARBON 1K 5% 1/4W	F
R125	1-247-887-00	CARBON 220K 5% 1/4W	
R126	1-247-887-00	CARBON 220K 5% 1/4W	
R127	1-249-417-11	CARBON 1K 5% 1/4W	F
R128	1-249-427-11	CARBON 6.8K 5% 1/4W	F
R129	1-247-903-00	CARBON 1M 5% 1/4W	
R130	1-247-903-00	CARBON 1M 5% 1/4W	
R131	1-247-903-00	CARBON 1M 5% 1/4W	
R132	1-247-903-00	CARBON 1M 5% 1/4W	
R133	1-247-903-00	CARBON 1M 5% 1/4W	
R134	1-247-903-00	CARBON 1M 5% 1/4W	
R135	1-247-903-00	CARBON 1M 5% 1/4W	
R136	1-247-895-00	CARBON 470K 5% 1/4W	
R137	1-249-417-11	CARBON 1K 5% 1/4W	F
R151	1-249-437-11	CARBON 47K 5% 1/4W	
R152	1-249-437-11	CARBON 47K 5% 1/4W	
R153	1-249-432-11	CARBON 18K 5% 1/4W	
R154	1-249-437-11	CARBON 47K 5% 1/4W	
R155	1-249-417-11	CARBON (AEP, UK, IT) 1K 5% 1/4W	F
R156	1-249-417-11	CARBON (AEP, UK, IT) 1K 5% 1/4W	F
R157	1-247-897-11	CARBON (AEP, UK, IT) 560K 5% 1/4W	
R158	1-249-437-11	CARBON (AEP, UK, IT) 47K 5% 1/4W	
R160	1-249-430-11	CARBON (AEP, UK, IT) 12K 5% 1/4W	
R161	1-249-417-11	CARBON 1K 5% 1/4W	F
R162	1-249-417-11	CARBON 1K 5% 1/4W	F
R175	1-247-887-00	CARBON 220K 5% 1/4W	
R176	1-247-887-00	CARBON 220K 5% 1/4W	
R177	1-249-417-11	CARBON 1K 5% 1/4W	F

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN **MD-A**

Ref. No.	Part No.	Description				Remark
R178	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R179	1-247-903-00	CARBON	1M	5%	1/4W	
R180	1-247-903-00	CARBON	1M	5%	1/4W	
R181	1-247-903-00	CARBON	1M	5%	1/4W	
R182	1-247-903-00	CARBON	1M	5%	1/4W	
R183	1-247-903-00	CARBON	1M	5%	1/4W	
R184	1-247-903-00	CARBON	1M	5%	1/4W	
R185	1-247-903-00	CARBON	1M	5%	1/4W	
R186	1-247-895-00	CARBON	470K	5%	1/4W	
R187	1-249-417-11	CARBON	1K	5%	1/4W	F
R201	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R202	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R203	1-249-437-11	CARBON (AEP, UK, IT)	47K	5%	1/4W	
R204	1-249-437-11	CARBON (AEP, UK, IT)	47K	5%	1/4W	
R205	1-249-432-11	CARBON	18K	5%	1/4W	
R207	1-249-425-11	CARBON (US, Canadian)	4.7K	5%	1/4W	F
R207	1-249-417-11	CARBON (AEP, UK, IT)	1K	5%	1/4W	F
R208	1-249-425-11	CARBON (US, Canadian)	4.7K	5%	1/4W	F
R208	1-249-417-11	CARBON (AEP, UK, IT)	1K	5%	1/4W	F
R209	1-249-437-11	CARBON	47K	5%	1/4W	
R210	1-249-437-11	CARBON	47K	5%	1/4W	
R211	1-249-437-11	CARBON	47K	5%	1/4W	
R212	1-249-437-11	CARBON	47K	5%	1/4W	
R213	1-249-437-11	CARBON	47K	5%	1/4W	
R214	1-249-437-11	CARBON	47K	5%	1/4W	
R221	1-249-417-11	CARBON	1K	5%	1/4W	F
R223	1-249-417-11	CARBON	1K	5%	1/4W	F
R255	1-249-432-11	CARBON	18K	5%	1/4W	
R902	1-249-413-11	CARBON	470	5%	1/4W	F
R903	1-247-903-00	CARBON	1M	5%	1/4W	
R904	1-249-413-11	CARBON	470	5%	1/4W	F
R905	1-249-431-11	CARBON	15K	5%	1/4W	
R906	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R907	1-249-431-11	CARBON	15K	5%	1/4W	
R908	1-249-431-11	CARBON	15K	5%	1/4W	
⚠R920	1-212-857-00	FUSIBLE	10	5%	1/4W	F
⚠R921	1-212-974-00	FUSIBLE	47	5%	1/2W	F
R923	1-249-413-11	CARBON	470	5%	1/4W	F
R924	1-249-441-11	CARBON	100K	5%	1/4W	
R925	1-249-433-11	CARBON	22K	5%	1/4W	
R928	1-249-429-11	CARBON	10K	5%	1/4W	
R929	1-249-429-11	CARBON	10K	5%	1/4W	
R930	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R932	1-219-138-91	FUSIBLE	0.47	10%	1/4W	F
⚠R933	1-219-138-91	FUSIBLE	0.47	10%	1/4W	F
R940	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R941	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R948	1-249-413-11	CARBON	470	5%	1/4W	F
R949	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R990	1-219-138-21	FUSIBLE	0.47	10%	1/4W	F
		< TEST PIN >				
* TP101	1-565-835-11	SOCKET, CONNECTOR 3P				
**********						
*	A-2006-399-A	MD-A BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	
C12	1-136-157-00	FILM	0.022uF	5%	50V	
C13	1-124-234-00	ELECT	22uF	20%	16V	
C18	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	
C22	1-136-157-00	FILM	0.022uF	5%	50V	
C23	1-124-234-00	ELECT	22uF	20%	16V	
C28	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C31	1-124-234-00	ELECT	22uF	20%	16V	
C32	1-124-234-00	ELECT	22uF	20%	16V	
C71	1-124-499-11	ELECT, NONPOLAR R	1uF	20%	50V	
		< CONNECTOR >				
* CNJ31	1-580-782-11	CONNECTOR, BOARD TO BOARD				
* CNJ72	1-580-411-11	SOCKET, CONNECTOR 4P				
* CNP32	1-580-772-11	PIN, CONNECTOR (PC BOARD) 4P				
* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P				
		< IC >				
IC31A	8-759-106-02	IC uPC4570G2				
		< JUMPER RESISTOR >				
JW1	1-216-295-00	METAL CHIP	0	5%	1/10W	
JW51	1-216-296-00	METAL CHIP	0	5%	1/8W	
JW52	1-216-296-00	METAL CHIP	0	5%	1/8W	
JW53	1-216-296-00	METAL CHIP	0	5%	1/8W	
JW54	1-216-296-00	METAL CHIP	0	5%	1/8W	
		< TRANSISTOR >				
Q71A	8-729-602-36	TRANSISTOR 2SA1602-F				
		< RESISTOR >				
R11	1-216-099-00	METAL CHIP	120K	5%	1/10W	

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
R12	1-216-025-00	METAL CHIP	100	5%	1/10W
R13	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R14	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W
R22	1-216-025-00	METAL CHIP	100	5%	1/10W
R23	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R24	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R31	1-216-033-00	METAL CHIP	220	5%	1/10W
R32	1-216-033-00	METAL CHIP	220	5%	1/10W
R71	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W
R73	1-216-089-00	METAL CHIP	47K	5%	1/10W
R74	1-216-089-00	METAL CHIP	47K	5%	1/10W
		< VARIABLE RESISTOR >			
RV11A	1-241-627-11	RES, ADJ, CARBON 1K			
RV21A	1-241-627-11	RES, ADJ, CARBON 1K			
RV71A	1-241-630-11	RES, ADJ, CARBON 10K			
RV72A	1-241-630-11	RES, ADJ, CARBON 10K			
**********					
*	A-2006-400-A	MD-B BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C12	1-136-157-00	FILM	0.022uF	5%	50V
C13	1-124-234-00	ELECT	22uF	20%	16V
C14	1-136-273-91	FILM	75PF	5%	630V
C15	1-164-080-11	CERAMIC	390PF	10%	50V
C17	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C18	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C22	1-136-157-00	FILM	0.022uF	5%	50V
C23	1-124-234-00	ELECT	22uF	20%	16V
C24	1-136-273-91	FILM	75PF	5%	630V
C25	1-164-080-11	CERAMIC	390PF	10%	50V
C27	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C28	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C31	1-124-234-00	ELECT	22uF	20%	16V
C32	1-124-234-00	ELECT	22uF	20%	16V
C33	1-124-234-00	ELECT	22uF	20%	16V
C51	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C52	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C53	1-163-022-00	CERAMIC CHIP	0.012uF	10%	50V
C54	1-136-559-11	FILM	0.0047uF	5%	630V
C56	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C57	1-164-346-11	CERAMIC CHIP	1uF		16V
C58	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V
C71	1-124-499-11	ELECT, NONPOLAR R	1uF	20%	50V

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
* CNJ31	1-580-782-11	CONNECTOR, BOARD TO BOARD			
* CNJ33	1-580-782-11	CONNECTOR, BOARD TO BOARD			
* CNJ72	1-580-411-11	SOCKET, CONNECTOR 4P			
* CNP32	1-580-781-11	PIN, CONNECTOR (PC BOARD) 7P			
* CNP71	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< DIODE >			
D31	8-719-016-74	DIODE 1SS352			
		< IC >			
IC31B	8-759-106-02	IC uPC4570G2			
		< JUMPER RESISTOR >			
JW1	1-216-296-00	METAL CHIP	0	5%	1/8W
JW2	1-216-295-00	METAL CHIP	0	5%	1/10W
JW3	1-216-295-00	METAL CHIP	0	5%	1/10W
JW4	1-216-295-00	METAL CHIP	0	5%	1/10W
JW6	1-216-295-00	METAL CHIP	0	5%	1/10W
JW7	1-216-295-00	METAL CHIP	0	5%	1/10W
JW52	1-216-296-00	METAL CHIP	0	5%	1/8W
JW53	1-216-296-00	METAL CHIP	0	5%	1/8W
JW54	1-216-296-00	METAL CHIP	0	5%	1/8W
JW55	1-216-296-00	METAL CHIP	0	5%	1/8W
JW56	1-216-296-00	METAL CHIP	0	5%	1/8W
JW57	1-216-296-00	METAL CHIP	0	5%	1/8W
JW58	1-216-296-00	METAL CHIP	0	5%	1/8W
JW59	1-216-296-00	METAL CHIP	0	5%	1/8W
JW60	1-216-296-00	METAL CHIP	0	5%	1/8W
JW61	1-216-296-00	METAL CHIP	0	5%	1/8W
		< COIL >			
L11	1-410-780-11	INDUCTOR	27mH		
L21	1-410-780-11	INDUCTOR	27mH		
		< TRANSISTOR >			
Q51	8-729-808-01	TRANSISTOR	2SD1622-S		
Q52	8-729-808-01	TRANSISTOR	2SD1622-S		
Q53	8-729-808-01	TRANSISTOR	2SD1622-S		
Q71B	8-729-602-36	TRANSISTOR	2SA1602-F		
		< RESISTOR >			
R11	1-216-099-00	METAL CHIP	120K	5%	1/10W
R12	1-216-025-00	METAL CHIP	100	5%	1/10W
R13	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R14	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
⚠R15	1-249-430-11	CARBON	12K	5%	1/4W F

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MD-B POWER AMP

Ref. No.	Part No.	Description			Remark
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W
R22	1-216-025-00	METAL CHIP	100	5%	1/10W
R23	1-216-100-00	METAL GLAZE	130K	5%	1/10W
R24	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
⚠R25	1-249-430-11	CARBON	12K	5%	1/4W F
R31	1-216-033-00	METAL CHIP	220	5%	1/10W
R32	1-216-033-00	METAL CHIP	220	5%	1/10W
⚠R41	1-249-393-11	CARBON	10	5%	1/4W F
⚠R42	1-249-393-11	CARBON	10	5%	1/4W F
R51	1-216-075-00	METAL CHIP	12K	5%	1/10W
R52	1-216-075-00	METAL CHIP	12K	5%	1/10W
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W
R56	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R71	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R72	1-216-081-00	METAL CHIP	22K	5%	1/10W
R73	1-216-089-00	METAL CHIP	47K	5%	1/10W
R74	1-216-089-00	METAL CHIP	47K	5%	1/10W
		< VARIABLE RESISTOR >			
RV11B	1-241-627-11	RES, ADJ, CARBON 1K			
RV12B	1-238-551-11	RES, ADJ, CARBON 220K			
RV21	1-241-627-11	RES, ADJ, CARBON 1K			
RV22	1-238-551-11	RES, ADJ, CARBON 220K			
RV71B	1-241-630-11	RES, ADJ, CARBON 10K			
RV72B	1-241-630-11	RES, ADJ, CARBON 10K			
		< RELAY >			
RY31	1-515-726-11	RELAY			
		< TRANSFORMER >			
T51	1-406-419-11	COIL, BIAS OSCILLATION			
**********					
*	A-4356-149-A	POWER AMP BOARD, COMPLETE (IT)			
*	A-4356-167-A	POWER AMP BOARD, COMPLETE (US, Canadian)			
*	A-4356-170-A	POWER AMP BOARD, COMPLETE (AEP, UK)			
		**********			
		< CAPACITOR >			
C702	1-126-176-11	ELECT	220uF	20%	10V
C704	1-161-379-00	CERAMIC	0.01uF	20%	25V
C706	1-124-927-11	ELECT	4.7uF	20%	100V
C707	1-124-478-11	ELECT	100uF	20%	25V
C708	1-124-907-11	ELECT	10uF	20%	50V
C709	1-164-159-11	CERAMIC	0.1uF		50V
C710	1-124-910-11	ELECT	47uF	20%	50V
C711	1-164-159-11	CERAMIC	0.1uF		50V

Ref. No.	Part No.	Description			Remark
C712	1-164-159-11	CERAMIC	0.1uF		50V
C801	1-124-927-11	ELECT	4.7uF	20%	100V
C802	1-162-282-31	CERAMIC	100PF	10%	50V
C803	1-162-282-31	CERAMIC	100PF	10%	50V
C804	1-124-927-11	ELECT	4.7uF	20%	100V
C806	1-136-165-00	FILM	0.1uF	5%	50V
C807	1-136-165-00	FILM	0.1uF	5%	50V
C808	1-136-165-00	FILM	0.1uF	5%	50V
C809	1-136-165-00	FILM	0.1uF	5%	50V
C811	1-161-379-00	CERAMIC	0.01uF	20%	25V
C821	1-124-927-11	ELECT	4.7uF	20%	100V
C822	1-162-282-31	CERAMIC	100PF	10%	50V
C823	1-162-282-31	CERAMIC	100PF	10%	50V
C824	1-124-927-11	ELECT	4.7uF	20%	100V
C828	1-136-165-00	FILM	0.1uF	5%	50V
C829	1-136-165-00	FILM	0.1uF	5%	50V
C831	1-161-379-00	CERAMIC	0.01uF	20%	25V
C851	1-124-927-11	ELECT	4.7uF	20%	100V
C852	1-162-282-31	CERAMIC	100PF	10%	50V
C853	1-162-282-31	CERAMIC	100PF	10%	50V
C854	1-124-927-11	ELECT	4.7uF	20%	100V
C856	1-136-165-00	FILM	0.1uF	5%	50V
C857	1-136-165-00	FILM	0.1uF	5%	50V
C858	1-136-165-00	FILM	0.1uF	5%	50V
C859	1-136-165-00	FILM	0.1uF	5%	50V
C861	1-161-379-00	CERAMIC	0.01uF	20%	25V
C871	1-124-927-11	ELECT	4.7uF	20%	100V
C872	1-162-282-31	CERAMIC	100PF	10%	50V
C873	1-162-282-31	CERAMIC	100PF	10%	50V
C874	1-124-927-11	ELECT	4.7uF	20%	100V
C878	1-136-165-00	FILM	0.1uF	5%	50V
C879	1-136-165-00	FILM	0.1uF	5%	50V
C881	1-161-379-00	CERAMIC	0.01uF	20%	25V
		< CONNECTOR >			
* CN801	1-564-510-11	PLUG, CONNECTOR 7P			
* CN802	1-564-507-11	PLUG, CONNECTOR 4P			
* CN803	1-564-509-11	PLUG, CONNECTOR 6P			
* CN804	1-564-508-11	PLUG, CONNECTOR 5P			
		< DIODE >			
D703	8-719-987-63	DIODE	1N4148M		
D704	8-719-987-63	DIODE	1N4148M		
D705	8-719-987-63	DIODE	1N4148M		
D706	8-719-987-63	DIODE	1N4148M		
D801	8-719-987-63	DIODE	1N4148M		
D802	8-719-987-63	DIODE	1N4148M		
D821	8-719-987-63	DIODE	1N4148M		
D822	8-719-987-63	DIODE	1N4148M		

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

POWER AMP

Ref. No.	Part No.	Description				Remark
D851	8-719-987-63	DIODE	1N4148M			
D852	8-719-987-63	DIODE	1N4148M			
D871	8-719-987-63	DIODE	1N4148M			
D872	8-719-987-63	DIODE	1N4148M			
		< IC >				
IC701	8-759-111-68	IC	uPC1237HA			
IC702	8-759-987-16	IC	LM393P			
IC703	8-759-947-34	IC	LM35DZ			
IC801	8-759-085-89	IC	LM3875-S			
IC821	8-759-085-89	IC	LM3875-S			
IC851	8-759-085-89	IC	LM3875-S			
IC871	8-759-085-89	IC	LM3875-S			
		< COIL >				
* L801	1-420-872-00	COIL, AIR CORE				
* L821	1-420-872-00	COIL, AIR CORE				
* L851	1-420-872-00	COIL, AIR CORE				
* L871	1-420-872-00	COIL, AIR CORE				
		< TRANSISTOR >				
Q701	8-729-119-77	TRANSISTOR	2SA1175-FEK			
Q801	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
Q821	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
Q851	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
Q871	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
		< RESISTOR >				
R701	1-249-433-11	CARBON	22K	5%	1/4W	
R702	1-249-441-11	CARBON	100K	5%	1/4W	
R703	1-249-433-11	CARBON	22K	5%	1/4W	
R704	1-249-433-11	CARBON	22K	5%	1/4W	
R705	1-249-429-11	CARBON	10K	5%	1/4W	
R706	1-249-417-11	CARBON	1K	5%	1/4W	F
R707	1-249-429-11	CARBON	10K	5%	1/4W	
R708	1-249-424-11	CARBON	3.9K	5%	1/4W	F
R709	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R710	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-417-11	CARBON	1K	5%	1/4W	F
R712	1-249-437-11	CARBON	47K	5%	1/4W	
R713	1-249-441-11	CARBON	100K	5%	1/4W	
R714	1-249-417-11	CARBON	1K	5%	1/4W	F
R715	1-249-393-11	CARBON	10	5%	1/4W	F
R801	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R802	1-249-437-11	CARBON	47K	5%	1/4W	
R803	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R804	1-249-437-11	CARBON	47K	5%	1/4W	
⚠R805	1-217-151-00	RES, METAL PLATE			0.22	
R806	1-249-417-11	CARBON	1K	5%	1/4W	F

Ref. No.	Part No.	Description				Remark
R807	1-249-431-11	CARBON	15K	5%	1/4W	
R808	1-249-441-11	CARBON	100K	5%	1/4W	
R809	1-247-688-11	CARBON	10	5%	1/4W	
R810	1-249-439-11	CARBON	68K	5%	1/4W	
R811	1-249-429-11	CARBON	10K	5%	1/4W	
R821	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R822	1-249-438-11	CARBON	56K	5%	1/4W	
R823	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R824	1-249-438-11	CARBON	56K	5%	1/4W	
⚠R825	1-217-151-00	RES, METAL PLATE			0.22	
R826	1-249-417-11	CARBON	1K	5%	1/4W	F
R827	1-249-431-11	CARBON	15K	5%	1/4W	
R828	1-249-441-11	CARBON	100K	5%	1/4W	
R829	1-247-688-11	CARBON	10	5%	1/4W	
R830	1-249-437-11	CARBON	47K	5%	1/4W	
R831	1-249-429-11	CARBON	10K	5%	1/4W	
R851	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R852	1-249-437-11	CARBON	47K	5%	1/4W	
R853	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R854	1-249-437-11	CARBON	47K	5%	1/4W	
⚠R855	1-217-151-00	RES, METAL PLATE			0.22	
R856	1-249-417-11	CARBON	1K	5%	1/4W	F
R857	1-249-431-11	CARBON	15K	5%	1/4W	
R858	1-249-441-11	CARBON	100K	5%	1/4W	
R859	1-247-688-11	CARBON	10	5%	1/4W	
R860	1-249-438-11	CARBON	56K	5%	1/4W	
R861	1-249-429-11	CARBON	10K	5%	1/4W	
R871	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R872	1-249-438-11	CARBON	56K	5%	1/4W	
R873	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R874	1-249-438-11	CARBON	56K	5%	1/4W	
⚠R875	1-217-151-00	RES, METAL PLATE			0.22	
R876	1-249-417-11	CARBON	1K	5%	1/4W	F
R877	1-249-431-11	CARBON	15K	5%	1/4W	
R878	1-249-441-11	CARBON	100K	5%	1/4W	
R879	1-247-688-11	CARBON	10	5%	1/4W	
R880	1-249-436-11	CARBON	39K	5%	1/4W	
R881	1-249-429-11	CARBON	10K	5%	1/4W	

****

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

POWER

Ref. No.	Part No.	Description			Remark
*	A-4356-165-A	POWER BOARD, COMPLETE (US)			
*	A-4356-168-A	POWER BOARD, COMPLETE (AEP)			
*	A-4356-171-A	POWER BOARD, COMPLETE (UK)			
*	A-4356-490-A	POWER BOARD, COMPLETE (Canadian)			
*	A-4356-558-A	POWER BOARD, COMPLETE (IT)			
		**********			
*	1-533-213-31	HOLDER, FUSE			
		< CAPACITOR >			
C918	1-124-628-11	ELECT	220uF	20%	100V
C919	1-124-628-11	ELECT	220uF	20%	100V
C920	1-123-605-00	ELECT	100uF	20%	100V
C921	1-123-605-00	ELECT	100uF	20%	100V
C922	1-124-907-11	ELECT	10uF	20%	50V
C923	1-124-907-11	ELECT	10uF	20%	50V
C924	1-164-159-11	CERAMIC	0.1uF		50V
C925	1-164-159-11	CERAMIC	0.1uF		50V
C951	1-136-153-00	FILM	0.01uF	5%	50V (IT)
C952	1-136-153-00	FILM	0.01uF	5%	50V (IT)
C953	1-126-224-11	ELECT	4700uF	20%	42V
C954	1-126-224-11	ELECT	4700uF	20%	42V
C955	1-136-171-00	FILM	0.33uF	5%	50V
C956	1-136-171-00	FILM	0.33uF	5%	50V
C961	1-136-153-00	FILM	0.01uF	5%	50V (IT)
C962	1-136-153-00	FILM	0.01uF	5%	50V (IT)
		< CONNECTOR >			
* CN952	1-564-505-11	PLUG, CONNECTOR 2P			
* CN953	1-568-826-11	SOCKET, CONNECTOR 7P			
* CN954	1-564-337-00	PIN, CONNECTOR 3P			
* CN958	1-564-510-11	PLUG, CONNECTOR 7P			
* CN960	1-564-321-00	PIN, CONNECTOR 2P			
		< DIODE >			
D914	8-719-200-82	DIODE	11ES2		
D915	8-719-200-82	DIODE	11ES2		
D916	8-719-200-82	DIODE	11ES2		
D917	8-719-200-82	DIODE	11ES2		
D918	8-719-002-73	DIODE	UZL-36M		
D919	8-719-934-22	DIODE	HZS30-2L (US, AEP, UK, IT)		
D919	8-719-934-18	DIODE	HZS27-2L (Canadian)		
D920	8-719-014-80	DIODE	UZP-6.2BC		
D921	8-719-014-80	DIODE	UZP-6.2BC		
D951	8-719-987-63	DIODE	1N4148M		
D952	8-719-987-63	DIODE	1N4148M		
D953	8-719-302-38	DIODE	RBV-602-01		
D954	8-719-987-63	DIODE	1N4148M		
D955	8-719-987-63	DIODE	1N4148M		
D956	8-719-987-63	DIODE	1N4148M		

Ref. No.	Part No.	Description				Remark
		< AC INLET >				
⚠J951	1-526-930-11	INLET, AC (~ AC IN) (US, Canadian)				
⚠J951	1-526-931-11	INLET, AC (~ AC IN) (AEP, UK, IT)				
* J953	1-565-352-91	JACK, PIN 2P (SURROUND SPEAKER) (UK)				
		< COIL >				
⚠L901	1-424-485-11	FILTER, LINE (AEP, UK, IT)				
		< TRANSISTOR >				
Q910	8-729-188-23	TRANSISTOR	2SD882-P			
Q911	8-729-177-22	TRANSISTOR	2SB772-Q			
Q951	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q952	8-729-801-84	TRANSISTOR	2SB1013-4			
Q953	8-729-119-76	TRANSISTOR	2SA1175-HFE			
		< RESISTOR >				
R901	1-202-725-00	SOLID (US, Canadian)	3.3M	10%	1/2W	
⚠R912	1-215-868-00	METAL OXIDE	680	5%	1W	F
⚠R913	1-215-869-11	METAL OXIDE	1K	5%	1W	F
R914	1-249-429-11	CARBON	10K	5%	1/4W	
R915	1-249-429-11	CARBON	10K	5%	1/4W	
R916	1-249-434-11	CARBON	27K	5%	1/4W	
R917	1-247-895-00	CARBON	470K	5%	1/4W	
R918	1-247-895-00	CARBON	470K	5%	1/4W	
R951	1-247-727-11	CARBON	10	5%	1/2W	F (IT)
R952	1-247-727-11	CARBON	10	5%	1/2W	F (IT)
⚠R953	1-247-741-11	CARBON	150	5%	1/2W	F
R954	1-249-429-11	CARBON	10K	5%	1/4W	
R955	1-249-441-11	CARBON	100K	5%	1/4W	
R956	1-249-429-11	CARBON	10K	5%	1/4W	
R957	1-249-429-11	CARBON	10K	5%	1/4W	
R958	1-249-429-11	CARBON	10K	5%	1/4W	
R959	1-249-429-11	CARBON	10K	5%	1/4W	
R960	1-249-429-11	CARBON	10K	5%	1/4W	
R961	1-247-727-11	CARBON	10	5%	1/2W	F (IT)
R962	1-247-727-11	CARBON	10	5%	1/2W	F (IT)
⚠R991	1-219-123-91	FUSIBLE	0.47	5%	1/4W	F
		< RELAY >				
RY951	1-515-790-11	RELAY				
RY952	1-515-790-11	RELAY				
RY953	1-515-626-11	RELAY				
		< TERMINAL >				
TB951	1-536-706-41	TERMINAL BOARD (SP) (SPEAKER)				

****

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SW-A SW-B TA PANEL

Ref. No.	Part No.	Description				Remark
*	1-634-841-14	SW-A BOARD				
		**********				
	3-343-419-01	HOLDER (S SENSER A)				
		< CONNECTOR >				
* CNP81	1-568-852-11	SOCKET, CONNECTOR 9P				
		< IC >				
IC81A	8-719-710-03	DIODE NJL5165K-B				
		< RESISTOR >				
R84	1-249-417-11	CARBON	1K	5%	1/4W	F
R85	1-249-408-11	CARBON	180	5%	1/4W	F
		< SWITCH >				
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP DET)				
S82	1-571-281-21	SWITCH, LEAF (CrO2 DET)				
S86	1-571-281-21	SWITCH, LEAF (HALF DET)				
**********						
*	1-634-841-14	SW-B BOARD				
		**********				
	3-343-419-01	HOLDER (S SENSER A)				
		< CONNECTOR >				
* CNP81	1-568-852-11	SOCKET, CONNECTOR 9P				
		< IC >				
IC81B	8-719-710-03	DIODE NJL5165K-B				
		< RESISTOR >				
R81	1-249-414-11	CARBON	560	5%	1/4W	F
R82	1-247-818-11	CARBON	300	5%	1/4W	
R83	1-247-834-11	CARBON	1.3K	5%	1/4W	
R84	1-249-417-11	CARBON	1K	5%	1/4W	F
R85	1-249-408-11	CARBON	180	5%	1/4W	F
		< SWITCH >				
S81	1-571-958-11	SWITCH, PUSH (1 KEY) (STOP DET)				
S82	1-571-281-21	SWITCH, LEAF (CrO2 DET)				
S83	1-571-281-21	SWITCH, LEAF (METAL DET)				
S84	1-571-281-21	SWITCH, LEAF (ERASE PROOF SIDE A)				
S85	1-571-281-21	SWITCH, LEAF (ERASE PROOF SIDE B)				
S86	1-571-281-21	SWITCH, LEAF (HALF DET)				
**********						

Ref. No.	Part No.	Description				Remark
*	A-4356-151-A	TA PANEL BOARD, COMPLETE (IT)				
*	A-4356-175-A	TA PANEL BOARD, COMPLETE (US, Canadian)				
*	A-4356-179-A	TA PANEL BOARD, COMPLETE (AEP, UK)				
		**********				
*	4-921-941-01	CUSHION (FL)				
*	4-953-602-01	HOLDER (FL TUBE)				
		< CAPACITOR >				
C522	1-164-159-11	CERAMIC	0.1uF		50V	
C523	1-164-159-11	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
* CN521	1-568-858-11	SOCKET, CONNECTOR 15P				
		< DIODE >				
D520	8-719-301-37	LED SEL2210S-CD (DIRECT)				
D521	8-719-301-37	LED SEL2210S-CD (PHOTO/TUNER)				
D522	8-719-301-37	LED SEL2210S-CD (TUNER/CD)				
D523	8-719-301-37	LED SEL2210S-CD (CD/DAT)				
D524	8-719-301-37	LED SEL2210S-CD (DAT/TAPE)				
D525	8-719-301-37	LED SEL2210S-CD (TAPE/VIDEO)				
D526	8-719-301-37	LED SEL2210S-CD (ON STANDBY)				
		< FLUORESCENT INDICATOR >				
FL521	1-519-735-11	INDICATOR TUBE, FLUORESCENT				
		< IC >				
IC551	8-759-075-35	IC TD62C950RF				
		< RESISTOR >				
R520	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R521	1-249-413-11	CARBON	470	5%	1/4W	F
R522	1-249-415-11	CARBON	680	5%	1/4W	F
R523	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R524	1-249-413-11	CARBON	470	5%	1/4W	F
R525	1-249-415-11	CARBON	680	5%	1/4W	F
R526	1-249-417-11	CARBON	1K	5%	1/4W	F
R527	1-249-414-11	CARBON	560	5%	1/4W	F
R528	1-249-414-11	CARBON	560	5%	1/4W	F
R550	1-249-417-11	CARBON	1K	5%	1/4W	F
R551	1-249-417-11	CARBON	1K	5%	1/4W	F
R552	1-249-417-11	CARBON	1K	5%	1/4W	F
R553	1-249-417-11	CARBON	1K	5%	1/4W	F
R554	1-249-437-11	CARBON	47K	5%	1/4W	
		< SWITCH >				
S520	1-554-303-21	SWITCH, TACTILE (SYSTEM POWER)				

TA PANEL | TC MAIN

Ref. No.	Part No.	Description			Remark
S521	1-554-303-21	SWITCH, TACTILE (DISPLAY)			
S522	1-554-303-21	SWITCH, TACTILE (DIRECT)			
S523	1-554-303-21	SWITCH, TACTILE (FUNCTION)			
S524	1-554-303-21	SWITCH, TACTILE (+)			
S525	1-554-303-21	SWITCH, TACTILE (PRESET)			
S526	1-554-303-21	SWITCH, TACTILE (-)			
**********					
*	A-4356-155-A	TC MAIN BOARD, COMPLETE (IT)			
*	A-4356-183-A	TC MAIN BOARD, COMPLETE (US, Canadian, AEP, UK)			
		**********			
		< CAPACITOR >			
C105	1-106-351-00	MYLAR	2200PF	5%	200V
C106	1-106-351-00	MYLAR	2200PF	5%	200V
C107	1-136-174-00	FILM	0.56uF	5%	50V
C108	1-136-171-00	FILM	0.33uF	5%	50V
C201	1-136-158-00	FILM	0.027uF	5%	50V
C202	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C204	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C205	1-124-925-11	ELECT	2.2uF	20%	100V
C206	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C207	1-126-157-11	ELECT	10uF	20%	16V
C208	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C209	1-126-301-11	ELECT	1uF	20%	50V
C215	1-106-351-00	MYLAR	2200PF	5%	200V
C216	1-106-351-00	MYLAR	2200PF	5%	200V
C217	1-136-174-00	FILM	0.56uF	5%	50V
C218	1-136-171-00	FILM	0.33uF	5%	50V
C301	1-136-158-00	FILM	0.027uF	5%	50V
C302	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C304	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C305	1-124-925-11	ELECT	2.2uF	20%	100V
C306	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C307	1-126-157-11	ELECT	10uF	20%	16V
C308	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C309	1-126-301-11	ELECT	1uF	20%	50V
C401	1-124-443-00	ELECT	100uF	20%	10V
C402	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C403	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C404	1-124-473-11	ELECT	1000uF	20%	10V
C405	1-124-443-00	ELECT	100uF	20%	10V
C407	1-124-925-11	ELECT	2.2uF	20%	100V
C408	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C409	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C410	1-164-222-11	CERAMIC CHIP	0.22uF		25V
C411	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C415	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C416	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C417	1-124-907-11	ELECT	10uF	20%	50V
C419	1-124-473-11	ELECT	1000uF	20%	10V
C420	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C421	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C422	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C424	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C425	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C426	1-124-478-11	ELECT	100uF	20%	25V
C427	1-124-478-11	ELECT	100uF	20%	25V
C428	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C440	1-124-473-11	ELECT	1000uF	20%	10V
C501	1-124-443-00	ELECT	100uF	20%	10V
C502	1-124-443-00	ELECT	100uF	20%	10V
C4001	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C4002	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C4003	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C6500	1-124-261-00	ELECT	10uF	20%	50V
		< CONNECTOR >			
CN601	1-573-101-11	SOCKET, CONNECTOR 9P			
CN602	1-580-783-11	CONNECTOR, BOARD TO BOARD			
CN603	1-573-101-11	SOCKET, CONNECTOR 9P			
CN604	1-580-783-11	CONNECTOR, BOARD TO BOARD			
* CN605	1-580-476-11	SOCKET, CONNECTOR 15P			
CN607	1-580-783-11	CONNECTOR, BOARD TO BOARD			
* CN609	1-568-856-11	SOCKET, CONNECTOR 13P			
		< DIODE >			
D401	8-719-210-33	DIODE	EC10DS2		
D404	8-719-021-41	DIODE	UZM5.6X		
D407	8-719-801-78	DIODE	1SS184		
D410	8-719-801-78	DIODE	1SS184		
D411	8-719-801-78	DIODE	1SS184		
D412	8-719-801-78	DIODE	1SS184		
D416	8-719-801-78	DIODE	1SS184		
D4001	8-719-801-78	DIODE	1SS184		
		< IC >			
IC201	8-759-516-43	IC	CD4053BCM		
IC202	8-752-037-90	IC	CXA1331M		
IC203	8-759-996-43	IC	RC4558PS		
IC204	8-759-516-47	IC	CD4066BCM		
IC205	8-752-055-60	IC	CXA1578M		
IC401	8-759-076-36	IC	M50964-256FP		
IC402	8-759-207-05	IC	TA7272P		
IC403	8-759-996-43	IC	RC4558PS		
IC404	8-759-925-85	IC	SN74HC32ANS		
IC405	8-759-520-90	IC	PST572E		

Ref. No.	Part No.	Description			Remark
IC406	8-759-516-41	IC CD4052BCM			
		< COIL >			
L403	1-410-482-31	INDUCTOR	100uH		
L404	1-410-482-31	INDUCTOR	100uH		
		< TRANSISTOR >			
Q201	8-729-207-56	TRANSISTOR	RN1402		
Q202	8-729-602-21	TRANSISTOR	2SC4154-F		
Q301	8-729-207-56	TRANSISTOR	RN1402		
Q302	8-729-602-21	TRANSISTOR	2SC4154-F		
Q401	8-729-804-41	TRANSISTOR	2SB1122-S		
Q402	8-729-804-41	TRANSISTOR	2SB1122-S		
Q403	8-729-207-68	TRANSISTOR	RN2402		
Q404	8-729-207-56	TRANSISTOR	RN1402		
Q405	8-729-207-68	TRANSISTOR	RN2402		
Q407	8-729-207-68	TRANSISTOR	RN2402		
Q408	8-729-207-56	TRANSISTOR	RN1402		
Q409	8-729-207-68	TRANSISTOR	RN2402		
Q410	8-729-901-06	TRANSISTOR	DTA144EK		
Q411	8-729-207-56	TRANSISTOR	RN1402		
Q412	8-729-207-68	TRANSISTOR	RN2402		
Q414	8-729-207-68	TRANSISTOR	RN2402		
Q415	8-729-207-68	TRANSISTOR	RN2402		
Q501	8-729-901-06	TRANSISTOR	DTA144EK		
		< RESISTOR >			
R108	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R109	1-216-043-00	METAL CHIP	560	5%	1/10W
R110	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R201	1-216-089-00	METAL CHIP	47K	5%	1/10W
R202	1-216-089-00	METAL CHIP	47K	5%	1/10W
R203	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R204	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R205	1-216-105-00	METAL CHIP	220K	5%	1/10W
R206	1-216-073-00	METAL CHIP	10K	5%	1/10W
R207	1-216-049-00	METAL CHIP	1K	5%	1/10W
R208	1-216-089-00	METAL CHIP	47K	5%	1/10W
R209	1-216-097-00	METAL CHIP	100K	5%	1/10W
R210	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R211	1-216-025-00	METAL CHIP	100	5%	1/10W
R212	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R213	1-216-081-00	METAL CHIP	22K	5%	1/10W
R214	1-216-089-00	METAL CHIP	47K	5%	1/10W
R215	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R218	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R219	1-216-043-00	METAL CHIP	560	5%	1/10W
R220	1-216-049-00	METAL CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R301	1-216-089-00	METAL CHIP	47K	5%	1/10W
R302	1-216-089-00	METAL CHIP	47K	5%	1/10W
R303	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R304	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R305	1-216-105-00	METAL CHIP	220K	5%	1/10W
R306	1-216-073-00	METAL CHIP	10K	5%	1/10W
R307	1-216-049-00	METAL CHIP	1K	5%	1/10W
R308	1-216-089-00	METAL CHIP	47K	5%	1/10W
R309	1-216-097-00	METAL CHIP	100K	5%	1/10W
R310	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R311	1-216-025-00	METAL CHIP	100	5%	1/10W
R312	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R313	1-216-081-00	METAL CHIP	22K	5%	1/10W
R314	1-216-089-00	METAL CHIP	47K	5%	1/10W
R315	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R316	1-216-117-00	METAL CHIP	680K	5%	1/10W
R317	1-216-117-00	METAL CHIP	680K	5%	1/10W
R320	1-216-049-00	METAL CHIP	1K	5%	1/10W
R400	1-216-037-00	METAL CHIP	330	5%	1/10W
R401	1-216-037-00	METAL CHIP	330	5%	1/10W
R402	1-216-037-00	METAL CHIP	330	5%	1/10W
R403	1-216-037-00	METAL CHIP	330	5%	1/10W
R404	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R405	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R406	1-216-113-00	METAL CHIP	470K	5%	1/10W
R407	1-216-113-00	METAL CHIP	470K	5%	1/10W
R408	1-216-073-00	METAL CHIP	10K	5%	1/10W
R409	1-216-073-00	METAL CHIP	10K	5%	1/10W
R410	1-216-045-00	METAL CHIP	680	5%	1/10W
R411	1-216-037-00	METAL CHIP	330	5%	1/10W
R412	1-216-073-00	METAL CHIP	10K	5%	1/10W
R413	1-216-045-00	METAL CHIP	680	5%	1/10W
R414	1-216-073-00	METAL CHIP	10K	5%	1/10W
R415	1-216-083-00	METAL CHIP	27K	5%	1/10W
R416	1-216-073-00	METAL CHIP	10K	5%	1/10W
R417	1-216-083-00	METAL CHIP	27K	5%	1/10W
R418	1-216-085-00	METAL CHIP	33K	5%	1/10W
R419	1-216-084-00	METAL CHIP	30K	5%	1/10W
R420	1-216-089-00	METAL CHIP	47K	5%	1/10W
R421	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R422	1-216-090-00	METAL CHIP	51K	5%	1/10W
R423	1-216-080-00	METAL CHIP	20K	5%	1/10W
R424	1-216-090-00	METAL CHIP	51K	5%	1/10W
R425	1-216-025-00	METAL CHIP	100	5%	1/10W
R426	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R427	1-216-085-00	METAL CHIP	33K	5%	1/10W
R428	1-216-089-00	METAL CHIP	47K	5%	1/10W
R429	1-216-090-00	METAL CHIP	51K	5%	1/10W
R430	1-216-084-00	METAL CHIP	30K	5%	1/10W

TC MAIN | TC SW

Ref. No.	Part No.	Description			Remark
R431	1-216-080-00	METAL CHIP	20K	5%	1/10W
R432	1-216-090-00	METAL CHIP	51K	5%	1/10W
R433	1-216-025-00	METAL CHIP	100	5%	1/10W
R434	1-216-121-00	METAL CHIP	1M	5%	1/10W
R435	1-216-081-00	METAL CHIP	22K	5%	1/10W
R436	1-216-089-00	METAL CHIP	47K	5%	1/10W
R437	1-216-073-00	METAL CHIP	10K	5%	1/10W
R438	1-216-073-00	METAL CHIP	10K	5%	1/10W
R440	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R441	1-216-081-00	METAL CHIP	22K	5%	1/10W
R444	1-216-073-00	METAL CHIP	10K	5%	1/10W
R445	1-216-073-00	METAL CHIP	10K	5%	1/10W
R446	1-216-097-00	METAL CHIP	100K	5%	1/10W
R447	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R448	1-216-089-00	METAL CHIP	47K	5%	1/10W
R449	1-216-113-00	METAL CHIP	470K	5%	1/10W
R450	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R451	1-216-097-00	METAL CHIP	100K	5%	1/10W
R452	1-216-097-00	METAL CHIP	100K	5%	1/10W
R453	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R454	1-216-097-00	METAL CHIP	100K	5%	1/10W
R455	1-216-089-00	METAL CHIP	47K	5%	1/10W
R456	1-216-089-00	METAL CHIP	47K	5%	1/10W
R460	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R461	1-216-081-00	METAL CHIP	22K	5%	1/10W
R462	1-216-082-00	METAL GLAZE	24K	5%	1/10W
R463	1-216-073-00	METAL CHIP	10K	5%	1/10W
R464	1-216-073-00	METAL CHIP	10K	5%	1/10W
R466	1-216-025-00	METAL CHIP	100	5%	1/10W
R467	1-216-025-00	METAL CHIP	100	5%	1/10W
R470	1-216-073-00	METAL CHIP	10K	5%	1/10W
R471	1-216-073-00	METAL CHIP	10K	5%	1/10W
R472	1-216-073-00	METAL CHIP	10K	5%	1/10W
R473	1-216-073-00	METAL CHIP	10K	5%	1/10W
R474	1-216-073-00	METAL CHIP	10K	5%	1/10W
R475	1-216-081-00	METAL CHIP	22K	5%	1/10W
R480	1-216-073-00	METAL CHIP	10K	5%	1/10W
R481	1-216-043-00	METAL CHIP	560	5%	1/10W
R482	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R483	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R484	1-216-081-00	METAL CHIP	22K	5%	1/10W
R503	1-216-073-00	METAL CHIP	10K	5%	1/10W
R504	1-216-083-00	METAL CHIP	27K	5%	1/10W
R2001	1-216-073-00	METAL CHIP	10K	5%	1/10W
R4000	1-216-049-00	METAL CHIP	1K	5%	1/10W
R4001	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4002	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4003	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4004	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4005	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4006	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4007	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R4008	1-216-298-00	METAL CHIP	2.2	5%	1/10W
⚠R4010	1-212-849-00	FUSIBLE	4.7	5%	1/4W F
R4421	1-216-025-00	METAL CHIP	100	5%	1/10W

< VARIABLE RESISTOR >

RV201	1-241-136-11	RES, ADJ, CARBON 10K
RV301	1-241-136-11	RES, ADJ, CARBON 10K

< TEST PIN >

* TP101	1-564-517-11	PLUG, CONNECTOR 2P
* TP201	1-564-518-11	PLUG, CONNECTOR 3P
* TP401	1-564-518-11	PLUG, CONNECTOR 3P

< VIBRATOR >

X401	1-577-358-21	VIBRATOR, CERAMIC (4MHz)

****

*	A-4356-154-A	TC SW BOARD, COMPLETE (IT)
*	A-4356-182-A	TC SW BOARD, COMPLETE (US, Canadian, AEP, UK)

****

< CONNECTOR >

* CN351	1-580-476-11	SOCKET, CONNECTOR 15P

< DIODE >

D351	8-719-310-24	DIODE SEL4525C-C (DECK A: ◁)
D352	8-719-310-24	DIODE SEL4525C-C (DECK A: ▷)
D353	8-719-312-37	DIODE SEL4225C-C (HIGH SPEED)
D354	8-719-312-37	DIODE SEL4225C-C (NORMAL SPEED)
D355	8-719-312-37	DIODE SEL4225C-C (CD SYNCHRO)
D356	8-719-304-51	DIODE SEL4825A (DECK B: PHASE ❚❚)
D357	8-719-310-24	DIODE SEL4525C-C (DECK B: ◁)
D358	8-719-310-24	DIODE SEL4525C-C (DECK B: ▷)
D359	8-719-312-37	DIODE SEL4225C-C (DECK B: REC ●)

< RESISTOR >

R351	1-216-029-00	METAL CHIP	150	5%	1/10W
R352	1-216-033-00	METAL CHIP	220	5%	1/10W
R353	1-216-037-00	METAL CHIP	330	5%	1/10W
R354	1-216-041-00	METAL CHIP	470	5%	1/10W
R355	1-216-045-00	METAL CHIP	680	5%	1/10W
R356	1-216-049-00	METAL CHIP	1K	5%	1/10W
R357	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R358	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R359	1-216-029-00	METAL CHIP	150	5%	1/10W

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

TC SW | TRANSFORMER

Ref. No.	Part No.	Description			Remark
R360	1-216-033-00	METAL CHIP	220	5%	1/10W
R361	1-216-037-00	METAL CHIP	330	5%	1/10W
R362	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R364	1-216-049-00	METAL CHIP	1K	5%	1/10W
R365	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R366	1-216-075-00	METAL CHIP	12K	5%	1/10W
R369	1-216-295-00	METAL CHIP	0	5%	1/10W
R370	1-216-295-00	METAL CHIP	0	5%	1/10W
R381	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R382	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
		< SWITCH >			
S351	1-554-303-21	SWITCH, TACTILE (DECK A: □)			
S352	1-554-303-21	SWITCH, TACTILE (DECK A: ▷)			
S353	1-554-303-21	SWITCH, TACTILE (DECK A: ◁)			
S354	1-554-303-21	SWITCH, TACTILE (DECK B: ◀◀)			
S355	1-554-303-21	SWITCH, TACTILE (DECK B: ▶▶)			
S356	1-554-303-21	SWITCH, TACTILE (DECK B: REC ●)			
S357	1-554-303-21	SWITCH, TACTILE (HIGH SPEED)			
S358	1-554-303-21	SWITCH, TACTILE (NORMAL SPEED)			
S359	1-554-303-21	SWITCH, TACTILE (CD SYNCHRO)			
S360	1-554-303-21	SWITCH, TACTILE (DECK B: □)			
S361	1-554-303-21	SWITCH, TACTILE (DECK B: PHASE ▮▮)			
S362	1-554-303-21	SWITCH, TACTILE (DECK B: ▷)			
S363	1-554-303-21	SWITCH, TACTILE (DECK B: ◁)			
S364	1-554-303-21	SWITCH, TACTILE (DECK A: ◀◀)			
S365	1-554-303-21	SWITCH, TACTILE (DECK A: ▶▶)			
S371	1-570-850-21	SWITCH, SLIDE (DIRECTION)			
S372	1-570-850-21	SWITCH, SLIDE (DULBY NR)			
**********					
*	1-645-188-11	TRANSFORMER BOARD			
		**********			
		< CAPACITOR >			
C957	1-136-165-00	FILM	0.1uF	5%	50V
C958	1-136-165-00	FILM	0.1uF	5%	50V
		< CONNECTOR >			
* CN961	1-564-321-00	PIN, CONNECTOR 2P			
		< FUSE >			
⚠F953	1-532-783-21	FUSE, MICRO (SECONDARY) (5A, 125V) (US, Canadian)			
⚠F953	1-532-846-11	LI NK, IC (5A) (AEP, UK, IT)			
⚠F954	1-532-783-21	FUSE, MICRO (SECONDARY) (5A, 125V) (US, Canadian)			
⚠F954	1-532-846-11	LI NK, IC (5A) (AEP, UK, IT)			
**********					

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**********	
16	1-575-903-11	WIRE, FLAT TYPE (15 CORE)	
18	1-696-727-11	WIRE (FLAT TYPE) (15 CORE)	
19	1-575-731-11	WIRE, FLAT TYPE (7 CORE)	
56	1-541-860-41	MOTOR, DC FAN	
118	1-696-731-11	WIRE (FLAT TYPE) (15 CORE)	
119	1-696-725-11	WIRE (FLAT TYPE) (9 CORE)	
120	1-696-726-11	WIRE (FLAT TYPE) (13 CORE)	
167	1-638-983-11	PC BOARD, MOTOR FLEXIBLE	
⚠F901	1-532-285-00	FUSE T1A (AEP, UK, IT)	
⚠F901	1-532-745-11	FUSE 3.15A 125V (US, Canadian)	
HP101	A-2003-868-F	BASE ASSY, HEAD (DECK A)	
HRPE101A	-2003-838-F	BASE ASSY, HEAD (DECK B)	
M101A	X-3363-501-1	MOTOR ASSY, REEL (DECK A)	
M101B	X-3363-501-1	MOTORASSY, REEL (DECK B)	
M102A	X-3359-417-1	MOTOR ASSY, CAPSTAN (DECK A)	
M102B	X-3359-417-1	MOTOR ASSY, CAPSTAN (DECK B)	
⚠T901	1-697-006-11	TRANSFORMER, POWER (US, Canadian)	
⚠T901	1-697-007-11	TRANSFORMER, POWER (AEP, IT)	
⚠T901	1-697-008-11	TRANSFORMER, POWER (UK)	

****

****
HARDWARE LIST
****

#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S
#2	7-682-547-04	SCREW +BVTT 3X6 (S)
#3	7-682-548-04	SCREW +BVTT 3X8 (S)
#4	7-621-770-67	SCREW +PTT 2.6X6 (S)
#5	7-685-645-79	SCREW +BTP 3X6 TYPE2 N-S
#6	7-621-255-15	SCREW +PTT 2X3 (S)
#7	7-627-556-08	SCREW +P 2.6X2.8
#8	7-621-775-00	SCREW +B 2.6X3
#9	7-685-649-79	SCREW +BVTP 3X14

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

9-957-397-11

Sony Corporation
Audio Group

English
92I0493-1
Printed in Japan
© 1992. 9

Published by Customer Relations and Service Group